

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013840.D
 Acq On : 24 May 2023 12:51
 Operator : KP/MD
 Sample : VY0524SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 25 07:07:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	238784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	376777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	146007	52.853	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.700%			
35) Dibromofluoromethane	7.716	113	125042	51.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.780%			
50) Toluene-d8	10.179	98	461490	49.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.800%			
62) 4-Bromofluorobenzene	12.483	95	157549	51.252	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34611	15.824	ug/l	96
3) Chloromethane	2.113	50	45860	17.211	ug/l	99
4) Vinyl Chloride	2.253	62	45096	16.549	ug/l	100
5) Bromomethane	2.650	94	41511	19.170	ug/l	99
6) Chloroethane	2.790	64	32531	18.320	ug/l	96
7) Trichlorofluoromethane	3.125	101	80107	17.467	ug/l	100
8) Diethyl Ether	3.527	74	28679	20.388	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	43839	17.633	ug/l	98
10) Methyl Iodide	4.088	142	48827	16.543	ug/l	97
11) Tert butyl alcohol	4.972	59	22880	108.115	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	41578	17.801	ug/l	93
13) Acrolein	3.735	56	37856	118.922	ug/l	98
14) Allyl chloride	4.479	41	81548	19.124	ug/l	98
15) Acrylonitrile	5.161	53	75070	104.083	ug/l	99
16) Acetone	3.948	43	89468	109.120	ug/l	98
17) Carbon Disulfide	4.192	76	111052	15.928	ug/l	99
18) Methyl Acetate	4.479	43	61987	21.792	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	128243	20.119	ug/l	99
20) Methylene Chloride	4.716	84	80586	26.528	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	46727	18.404	ug/l	92
22) Diisopropyl ether	6.118	45	171619	20.845	ug/l	99
23) Vinyl Acetate	6.057	43	489230	102.023	ug/l	98
24) 1,1-Dichloroethane	6.015	63	93859	19.528	ug/l	98
25) 2-Butanone	6.984	43	111536	111.483	ug/l	97
26) 2,2-Dichloropropane	6.978	77	82667	19.094	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	56155	19.688	ug/l	100
28) Bromochloromethane	7.332	49	31793	22.536	ug/l	97
29) Tetrahydrofuran	7.344	42	65316	109.346	ug/l	99
30) Chloroform	7.502	83	100421	20.608	ug/l	97
31) Cyclohexane	7.783	56	73077	17.217	ug/l #	93
32) 1,1,1-Trichloroethane	7.704	97	85128	19.149	ug/l	98
36) 1,1-Dichloropropene	7.917	75	65533	17.682	ug/l	98
37) Ethyl Acetate	7.076	43	47276	20.912	ug/l	100
38) Carbon Tetrachloride	7.899	117	74778	17.742	ug/l	95
39) Methylcyclohexane	9.185	83	70657	16.279	ug/l	99
40) Benzene	8.161	78	200303	18.817	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013840.D
 Acq On : 24 May 2023 12:51
 Operator : KP/MD
 Sample : VY0524SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBS01

Quant Time: May 25 07:07:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	26393m	21.397	ug/l	
42) 1,2-Dichloroethane	8.234	62	70147	20.127	ug/l	100
43) Isopropyl Acetate	8.271	43	85855	20.840	ug/l	99
44) Trichloroethene	8.941	130	53221	18.558	ug/l	94
45) 1,2-Dichloropropane	9.215	63	54183	19.870	ug/l	94
46) Dibromomethane	9.307	93	31513	20.178	ug/l	99
47) Bromodichloromethane	9.496	83	76778	20.173	ug/l	98
48) Methyl methacrylate	9.295	41	38159	19.726	ug/l	94
49) 1,4-Dioxane	9.307	88	7330	399.362	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	238142	108.472	ug/l	97
52) Toluene	10.240	92	123849	19.082	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	77387	19.975	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	84383	19.442	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	43297	20.607	ug/l	97
56) Ethyl methacrylate	10.508	69	55401	19.753	ug/l	98
57) 1,3-Dichloropropane	10.788	76	72418	20.238	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	102319	114.335	ug/l	100
59) 2-Hexanone	10.831	43	171238	109.653	ug/l	99
60) Dibromochloromethane	10.983	129	53693	20.202	ug/l	99
61) 1,2-Dibromoethane	11.087	107	40225	20.125	ug/l	99
64) Tetrachloroethene	10.721	164	44415	17.992	ug/l	93
65) Chlorobenzene	11.514	112	134855	19.285	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	53297	19.748	ug/l	99
67) Ethyl Benzene	11.593	91	235809	18.739	ug/l	100
68) m/p-Xylenes	11.703	106	178633	37.510	ug/l	99
69) o-Xylene	12.032	106	86375	19.255	ug/l	99
70) Styrene	12.044	104	146744	19.312	ug/l	100
71) Bromoform	12.209	173	36625	20.763	ug/l #	99
73) Isopropylbenzene	12.331	105	226702	18.367	ug/l	100
74) N-amyl acetate	12.142	43	73967	19.933	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	52797	20.664	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	39942m	20.427	ug/l	
77) Bromobenzene	12.605	156	57899	19.118	ug/l	98
78) n-propylbenzene	12.672	91	280669	18.407	ug/l	99
79) 2-Chlorotoluene	12.758	91	157732	18.519	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	187980	18.451	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	18592	20.639	ug/l	96
82) 4-Chlorotoluene	12.855	91	170315	19.347	ug/l	97
83) tert-Butylbenzene	13.075	119	165552	18.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	190236	19.022	ug/l	97
85) sec-Butylbenzene	13.251	105	243934	18.506	ug/l	98
86) p-Isopropyltoluene	13.367	119	200759	18.427	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	109755	18.764	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	111302	19.113	ug/l	98
89) n-Butylbenzene	13.696	91	188858	18.077	ug/l	99
90) Hexachloroethane	13.959	117	41563	18.581	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	99307	19.104	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8981	20.063	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	59340	18.413	ug/l	99
94) Hexachlorobutadiene	15.111	225	36036	17.735	ug/l	98
95) Naphthalene	15.233	128	110885	18.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51275	17.891	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
Data File : VY013840.D
Acq On : 24 May 2023 12:51
Operator : KP/MD
Sample : VY0524SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 25 07:07:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013840.D
 Acq On : 24 May 2023 12:51
 Operator : KP/MD
 Sample : VY0524SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBS01

Quant Time: May 25 07:07:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

