

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013204.D
 Acq On : 05 Apr 2023 12:09
 Operator : KP/MD
 Sample : VY0405SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 06 01:27:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	192816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62840	44.279	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.560%		
35) Dibromofluoromethane	7.710	113	54363	43.159	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.320%		
50) Toluene-d8	10.179	98	207371	43.609	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.220%		
62) 4-Bromofluorobenzene	12.477	95	69712	45.039	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24220	18.709	ug/l	97
3) Chloromethane	2.107	50	16105	11.930	ug/l	97
4) Vinyl Chloride	2.247	62	23693	17.505	ug/l	96
5) Bromomethane	2.637	94	16835	17.624	ug/l	95
6) Chloroethane	2.784	64	14955	17.639	ug/l	99
7) Trichlorofluoromethane	3.119	101	41951	17.415	ug/l	100
8) Diethyl Ether	3.521	74	14485	19.149	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	23868	17.971	ug/l	92
10) Methyl Iodide	4.082	142	31433	18.175	ug/l	97
11) Tert butyl alcohol	4.954	59	18712	146.289	ug/l	97
12) 1,1-Dichloroethene	3.863	96	22803	17.761	ug/l	92
13) Acrolein	3.723	56	16051	89.420	ug/l	98
14) Allyl chloride	4.473	41	34372	15.713	ug/l	90
15) Acrylonitrile	5.155	53	38139	101.463	ug/l	98
16) Acetone	3.942	43	42037	96.866	ug/l	98
17) Carbon Disulfide	4.186	76	65025	15.208	ug/l	100
18) Methyl Acetate	4.473	43	27097	19.816	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	67378	20.711	ug/l	96
20) Methylene Chloride	4.710	84	29337	15.922	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	25097	17.350	ug/l	93
22) Diisopropyl ether	6.112	45	70200	16.425	ug/l #	94
23) Vinyl Acetate	6.051	43	219074	90.139	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	42195	16.670	ug/l	99
25) 2-Butanone	6.984	43	55576	102.419	ug/l	96
26) 2,2-Dichloropropane	6.978	77	42897	18.842	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	28204	18.098	ug/l	97
28) Bromochloromethane	7.332	49	16693	15.369	ug/l #	74
29) Tetrahydrofuran	7.344	42	32854	102.278	ug/l #	87
30) Chloroform	7.502	83	47318	18.052	ug/l	99
31) Cyclohexane	7.783	56	37024	15.980	ug/l #	83
32) 1,1,1-Trichloroethane	7.698	97	44863	19.358	ug/l	98
36) 1,1-Dichloropropene	7.917	75	34427	18.155	ug/l	98
37) Ethyl Acetate	7.070	43	21968	20.394	ug/l	97
38) Carbon Tetrachloride	7.899	117	43217	20.656	ug/l	99
39) Methylcyclohexane	9.179	83	40235	18.086	ug/l	97
40) Benzene	8.155	78	99806	18.223	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013204.D
 Acq On : 05 Apr 2023 12:09
 Operator : KP/MD
 Sample : VY0405SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 06 01:27:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10822m	22.646	ug/l	
42) 1,2-Dichloroethane	8.234	62	34667	20.660	ug/l	99
43) Isopropyl Acetate	8.271	43	39654	20.566	ug/l	96
44) Trichloroethene	8.935	130	30026	19.915	ug/l	93
45) 1,2-Dichloropropane	9.216	63	23335	17.015	ug/l	96
46) Dibromomethane	9.301	93	17177	21.802	ug/l	97
47) Bromodichloromethane	9.496	83	38818	20.420	ug/l	99
48) Methyl methacrylate	9.289	41	21451	23.888	ug/l	97
49) 1,4-Dioxane	9.301	88	5320	567.611	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	141769	136.238	ug/l	98
52) Toluene	10.240	92	66475	19.567	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	38461	19.794	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	43367	19.542	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	22655	20.803	ug/l	95
56) Ethyl methacrylate	10.508	69	28869	21.084	ug/l	95
57) 1,3-Dichloropropane	10.788	76	36458	19.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	79756	124.573	ug/l	99
59) 2-Hexanone	10.831	43	84863	112.762	ug/l	97
60) Dibromochloromethane	10.984	129	29781	21.773	ug/l	100
61) 1,2-Dibromoethane	11.081	107	22553	21.374	ug/l	100
64) Tetrachloroethene	10.715	164	28495	21.051	ug/l	94
65) Chlorobenzene	11.514	112	71596	19.154	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	29232	20.860	ug/l	97
67) Ethyl Benzene	11.587	91	125377	19.421	ug/l	100
68) m/p-Xylenes	11.697	106	100126	40.093	ug/l	98
69) o-Xylene	12.026	106	46451	20.053	ug/l	98
70) Styrene	12.038	104	80124	20.677	ug/l	99
71) Bromoform	12.203	173	21235	24.437	ug/l #	99
73) Isopropylbenzene	12.325	105	125128	18.783	ug/l	98
74) N-amyl acetate	12.142	43	34104	18.646	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	27656	19.820	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	20327m	18.749	ug/l	
77) Bromobenzene	12.605	156	33340	20.130	ug/l	88
78) n-propylbenzene	12.666	91	148709	18.156	ug/l	98
79) 2-Chlorotoluene	12.752	91	85183	18.328	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	107349	19.275	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	9658	19.867	ug/l	93
82) 4-Chlorotoluene	12.849	91	90343	18.677	ug/l	99
83) tert-Butylbenzene	13.069	119	95047	19.869	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	105352	19.316	ug/l	98
85) sec-Butylbenzene	13.251	105	136604	18.912	ug/l	98
86) p-Isopropyltoluene	13.367	119	118293	19.894	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	64048	19.508	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	64777	19.690	ug/l	98
89) n-Butylbenzene	13.690	91	103435	18.607	ug/l	98
90) Hexachloroethane	13.959	117	22906	18.492	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	58782	20.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5335	22.976	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	36095	21.110	ug/l	98
94) Hexachlorobutadiene	15.105	225	22870	21.748	ug/l	98
95) Naphthalene	15.233	128	65276	20.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	28267	18.764	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013204.D
 Acq On : 05 Apr 2023 12:09
 Operator : KP/MD
 Sample : VY0405SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY0405SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 06 01:27:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 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\VY040523\
 Data File : VY013204.D
 Acq On : 05 Apr 2023 12:09
 Operator : KP/MD
 Sample : VY0405SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 06 01:27:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

