

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013464.D
 Acq On : 26 Apr 2023 11:34
 Operator : KP/MD
 Sample : VY0426SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:29:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	217384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	121290	50.898	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.800%			
35) Dibromofluoromethane	7.716	113	111644	52.320	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.640%			
50) Toluene-d8	10.179	98	383559	50.528	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.477	95	131707	51.466	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44501	21.533	ug/l	96
3) Chloromethane	2.113	50	52805	19.062	ug/l	97
4) Vinyl Chloride	2.247	62	49765	18.042	ug/l	96
5) Bromomethane	2.650	94	44224	20.120	ug/l	97
6) Chloroethane	2.790	64	34412	18.059	ug/l	98
7) Trichlorofluoromethane	3.125	101	82131	19.656	ug/l	99
8) Diethyl Ether	3.528	74	30183	21.212	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.900	101	47723	20.362	ug/l	95
10) Methyl Iodide	4.088	142	57156	19.416	ug/l	99
11) Tert butyl alcohol	4.972	59	24407	91.346	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	46076	20.394	ug/l	95
13) Acrolein	3.729	56	25704	118.803	ug/l	93
14) Allyl chloride	4.473	41	81250	19.382	ug/l	98
15) Acrylonitrile	5.161	53	82968	104.116	ug/l	99
16) Acetone	3.948	43	89714	95.598	ug/l	93
17) Carbon Disulfide	4.192	76	149501	20.371	ug/l	98
18) Methyl Acetate	4.479	43	61940	19.984	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	131207	20.116	ug/l	97
20) Methylene Chloride	4.710	84	72469	19.757	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	52125	21.102	ug/l	99
22) Diisopropyl ether	6.119	45	166653	20.339	ug/l	96
23) Vinyl Acetate	6.058	43	444807m	95.880	ug/l	
24) 1,1-Dichloroethane	6.015	63	94410	20.674	ug/l	98
25) 2-Butanone	6.984	43	118822	99.837	ug/l	93
26) 2,2-Dichloropropane	6.978	77	78653	19.988	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	57593	21.102	ug/l	97
28) Bromochloromethane	7.326	49	34464	21.267	ug/l	85
29) Tetrahydrofuran	7.350	42	76660	103.476	ug/l	93
30) Chloroform	7.503	83	98996	21.804	ug/l	99
31) Cyclohexane	7.783	56	79827	18.710	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	83522	20.615	ug/l	98
36) 1,1-Dichloropropene	7.917	75	70628	19.943	ug/l	99
37) Ethyl Acetate	7.076	43	52434	19.675	ug/l	96
38) Carbon Tetrachloride	7.899	117	76601	20.637	ug/l	92
39) Methylcyclohexane	9.185	83	78354	18.767	ug/l	97
40) Benzene	8.161	78	212536	21.305	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013464.D
 Acq On : 26 Apr 2023 11:34
 Operator : KP/MD
 Sample : VY0426SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:29:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	24659m	19.856	ug/l	
42) 1,2-Dichloroethane	8.234	62	71230	21.840	ug/l	99
43) Isopropyl Acetate	8.271	43	88703	19.719	ug/l	99
44) Trichloroethene	8.935	130	56211	21.183	ug/l	99
45) 1,2-Dichloropropane	9.216	63	55535	21.291	ug/l	97
46) Dibromomethane	9.301	93	33769	21.638	ug/l	96
47) Bromodichloromethane	9.496	83	76539	21.917	ug/l #	97
48) Methyl methacrylate	9.289	41	43112	20.868	ug/l	92
49) 1,4-Dioxane	9.313	88	9439	423.473	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	257503	102.727	ug/l	97
52) Toluene	10.240	92	129259	21.532	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	76037	20.573	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	86309	20.754	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	45341	21.938	ug/l	95
56) Ethyl methacrylate	10.508	69	59806	20.858	ug/l	91
57) 1,3-Dichloropropane	10.789	76	76223	21.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	123592	114.947	ug/l	95
59) 2-Hexanone	10.831	43	187247	102.761	ug/l	96
60) Dibromochloromethane	10.984	129	54573	21.746	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43297	21.308	ug/l	99
64) Tetrachloroethene	10.721	164	47574	20.273	ug/l	97
65) Chlorobenzene	11.514	112	138938	20.667	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	52224	20.771	ug/l	97
67) Ethyl Benzene	11.593	91	238650	20.216	ug/l	99
68) m/p-Xylenes	11.703	106	186997	41.668	ug/l	99
69) o-Xylene	12.026	106	88193	20.779	ug/l	99
70) Styrene	12.044	104	152242	21.453	ug/l	99
71) Bromoform	12.203	173	36848	20.923	ug/l #	100
73) Isopropylbenzene	12.331	105	223598	18.837	ug/l	99
74) N-amyl acetate	12.142	43	77198	18.276	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	58469	20.152	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	41040m	19.391	ug/l	
77) Bromobenzene	12.605	156	57679	20.054	ug/l	91
78) n-propylbenzene	12.672	91	284025	19.426	ug/l	98
79) 2-Chlorotoluene	12.758	91	162618	19.917	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	193910	20.015	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	19452	18.800	ug/l	95
82) 4-Chlorotoluene	12.855	91	171573	20.162	ug/l	98
83) tert-Butylbenzene	13.075	119	162550	19.366	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	191365	20.316	ug/l	100
85) sec-Butylbenzene	13.251	105	242074	19.216	ug/l	99
86) p-Isopropyltoluene	13.367	119	196528	19.400	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	113769	20.762	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	116105	20.975	ug/l	98
89) n-Butylbenzene	13.697	91	185798	18.791	ug/l	98
90) Hexachloroethane	13.959	117	41394	19.415	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	102939	20.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10487	20.466	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	60775	20.600	ug/l	100
94) Hexachlorobutadiene	15.111	225	33856	19.719	ug/l	100
95) Naphthalene	15.233	128	126960	19.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56162	21.359	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013464.D
Acq On : 26 Apr 2023 11:34
Operator : KP/MD
Sample : VY0426SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/27/2023
Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:29:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

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

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

