

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013864.D
 Acq On : 25 May 2023 11:41
 Operator : KP/MD
 Sample : VY0525SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0525SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

Quant Time: May 25 15:20:26 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	7.795	168	244248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	368986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	139455	49.352	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.700%		
35) Dibromofluoromethane	7.722	113	120840	50.711	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.420%		
50) Toluene-d8	10.185	98	451073	49.805	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.620%		
62) 4-Bromofluorobenzene	12.483	95	151566	50.346	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39053	17.456	ug/l	94
3) Chloromethane	2.113	50	45948	16.858	ug/l	99
4) Vinyl Chloride	2.253	62	48330	17.339	ug/l	100
5) Bromomethane	2.650	94	38141	17.219	ug/l	97
6) Chloroethane	2.796	64	31621	17.410	ug/l	95
7) Trichlorofluoromethane	3.131	101	88924	18.956	ug/l	99
8) Diethyl Ether	3.534	74	26198	18.207	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	48149	18.933	ug/l	98
10) Methyl Iodide	4.094	142	46660	15.455	ug/l	99
11) Tert butyl alcohol	4.978	59	20658	95.432	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	42914	17.962	ug/l	99
13) Acrolein	3.735	56	32508	99.837	ug/l	96
14) Allyl chloride	4.491	41	73152	16.771	ug/l	98
15) Acrylonitrile	5.167	53	69222	93.828	ug/l	100
16) Acetone	3.954	43	75438	89.950	ug/l	97
17) Carbon Disulfide	4.198	76	108534	15.219	ug/l	99
18) Methyl Acetate	4.485	43	52001	17.872	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	118661	18.199	ug/l	99
20) Methylene Chloride	4.722	84	78561	25.157	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	45292	17.439	ug/l	93
22) Diisopropyl ether	6.125	45	158512	18.822	ug/l	96
23) Vinyl Acetate	6.064	43	433652	88.410	ug/l	100
24) 1,1-Dichloroethane	6.027	63	91373	18.585	ug/l	99
25) 2-Butanone	6.990	43	94432	92.275	ug/l	98
26) 2,2-Dichloropropane	6.984	77	84677	19.121	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	52733	18.075	ug/l	97
28) Bromochloromethane	7.338	49	31019	21.495	ug/l	100
29) Tetrahydrofuran	7.356	42	55809	91.340	ug/l	97
30) Chloroform	7.508	83	98179	19.697	ug/l	96
31) Cyclohexane	7.789	56	73728	16.982	ug/l #	92
32) 1,1,1-Trichloroethane	7.710	97	88607	19.486	ug/l	99
36) 1,1-Dichloropropene	7.923	75	65885	18.153	ug/l	98
37) Ethyl Acetate	7.082	43	41026	18.531	ug/l	99
38) Carbon Tetrachloride	7.905	117	81151	19.661	ug/l	98
39) Methylcyclohexane	9.185	83	73207	17.223	ug/l	97
40) Benzene	8.167	78	196513	18.851	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23509	19.461	ug/l	89
42) 1,2-Dichloroethane	8.240	62	66195	19.394	ug/l	100
43) Isopropyl Acetate	8.277	43	73910	18.320	ug/l	97
44) Trichloroethene	8.947	130	53121	18.914	ug/l	93
45) 1,2-Dichloropropane	9.215	63	51976	19.463	ug/l	93
46) Dibromomethane	9.307	93	28730	18.785	ug/l	98
47) Bromodichloromethane	9.502	83	74431	19.969	ug/l	99
48) Methyl methacrylate	9.295	41	33731	17.805	ug/l	94
49) 1,4-Dioxane	9.307	88	6882	382.870	ug/l #	91
51) 4-Methyl-2-Pentanone	10.075	43	201239	93.598	ug/l	100
52) Toluene	10.246	92	122577	19.285	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	73084	19.263	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	80343	18.902	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	40868	19.862	ug/l	96
56) Ethyl methacrylate	10.514	69	50020	18.211	ug/l	98
57) 1,3-Dichloropropane	10.794	76	68696	19.603	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	90024	102.720	ug/l	98
59) 2-Hexanone	10.837	43	143119	93.582	ug/l	100
60) Dibromochloromethane	10.983	129	51461	19.771	ug/l	99
61) 1,2-Dibromoethane	11.093	107	38164	19.497	ug/l	98
64) Tetrachloroethene	10.721	164	46865	19.315	ug/l	91
65) Chlorobenzene	11.520	112	132562	19.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	52943	19.958	ug/l	99
67) Ethyl Benzene	11.593	91	233284	18.861	ug/l	99
68) m/p-Xylenes	11.703	106	180909	38.649	ug/l	98
69) o-Xylene	12.032	106	83760	18.997	ug/l	99
70) Styrene	12.044	104	145914	19.537	ug/l	99
71) Bromoform	12.209	173	34314	19.791	ug/l #	98
73) Isopropylbenzene	12.331	105	226939	18.476	ug/l	99
74) N-amyl acetate	12.148	43	63084	17.083	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	48457	19.058	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	38043m	19.550	ug/l	
77) Bromobenzene	12.611	156	58631	19.454	ug/l	94
78) n-propylbenzene	12.672	91	286013	18.849	ug/l	99
79) 2-Chlorotoluene	12.757	91	158783	18.733	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	194190	19.153	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	16176	18.045	ug/l	98
82) 4-Chlorotoluene	12.855	91	164560	18.784	ug/l	100
83) tert-Butylbenzene	13.075	119	166617	18.868	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	190795	19.171	ug/l	100
85) sec-Butylbenzene	13.251	105	252434	19.244	ug/l	99
86) p-Isopropyltoluene	13.373	119	207428	19.132	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	110482	18.980	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	109413	18.880	ug/l	98
89) n-Butylbenzene	13.696	91	193262	18.588	ug/l	99
90) Hexachloroethane	13.965	117	42698	19.181	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	99625	19.258	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8186	18.376	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	58285	18.174	ug/l	99
94) Hexachlorobutadiene	15.111	225	37297	18.445	ug/l	98
95) Naphthalene	15.239	128	104449	18.029	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	52045	18.249	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

