

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007574.D
 Acq On : 22 Feb 2022 11:47
 Operator : SY/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

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 Dadoda
 02/23/2022

Quant Time: Feb 22 14:12:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	90059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	125436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	39251	42.081	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.160%		
35) Dibromofluoromethane	7.722	113	37977	47.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.500%		
50) Toluene-d8	10.179	98	131360	47.633	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.260%		
62) 4-Bromofluorobenzene	12.483	95	45256	45.322	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27748	24.849	ug/l	96
3) Chloromethane	2.113	50	17561	18.937	ug/l	89
4) Vinyl Chloride	2.253	62	18429	18.979	ug/l	97
5) Bromomethane	2.643	94	13582	17.809	ug/l	94
6) Chloroethane	2.790	64	10600	17.582	ug/l	98
7) Trichlorofluoromethane	3.125	101	46226	21.765	ug/l	93
8) Diethyl Ether	3.527	74	8933	16.529	ug/l	54
9) 1,1,2-Trichlorotrifluo...	3.899	101	19614	18.792	ug/l	93
10) Methyl Iodide	4.088	142	22431	18.001	ug/l	96
11) Tert butyl alcohol	4.960	59	6428	78.177	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	17307	18.487	ug/l #	72
13) Acrolein	3.729	56	5102	84.139	ug/l	99
14) Allyl chloride	4.478	41	14307	14.182	ug/l #	50
15) Acrylonitrile	5.155	53	14934	72.141	ug/l	98
16) Acetone	3.948	43	16268	73.925	ug/l	98
17) Carbon Disulfide	4.198	76	42751	17.373	ug/l	99
18) Methyl Acetate	4.485	43	6880	15.286	ug/l #	65
19) Methyl tert-butyl Ether	5.216	73	40711	15.554	ug/l #	88
20) Methylene Chloride	4.722	84	16487	15.105	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	16845	17.312	ug/l #	75
22) Diisopropyl ether	6.118	45	29319	14.000	ug/l #	77
23) Vinyl Acetate	6.064	43	103031	74.663	ug/l #	84
24) 1,1-Dichloroethane	6.021	63	25093	16.465	ug/l	97
25) 2-Butanone	6.990	43	17009	67.892	ug/l #	65
26) 2,2-Dichloropropane	6.978	77	29139	17.302	ug/l	92
27) cis-1,2-Dichloroethene	6.990	96	18529	16.773	ug/l	81
28) Bromochloromethane	7.332	49	8250	16.014	ug/l #	37
29) Tetrahydrofuran	7.350	42	10696	74.112	ug/l #	64
30) Chloroform	7.508	83	32473	17.323	ug/l	95
31) Cyclohexane	7.783	56	21909	15.665	ug/l #	72
32) 1,1,1-Trichloroethane	7.710	97	35805	19.356	ug/l	94
36) 1,1-Dichloropropene	7.917	75	22149	19.056	ug/l	95
37) Ethyl Acetate	7.076	43	7829	16.509	ug/l #	92
38) Carbon Tetrachloride	7.899	117	34865	22.275	ug/l	95
39) Methylcyclohexane	9.185	83	27639	18.831	ug/l #	78
40) Benzene	8.161	78	56810	18.245	ug/l	97

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Supervised By :Mahesh
 Dadoda
 02/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.313	41	3779	14.873	ug/l	#	1
42) 1,2-Dichloroethane	8.240	62	20674	19.011	ug/l		98
43) Isopropyl Acetate	8.270	43	16709	16.969	ug/l	#	82
44) Trichloroethene	8.941	130	20481	20.367	ug/l		91
45) 1,2-Dichloropropane	9.215	63	11821	16.526	ug/l		95
46) Dibromomethane	9.307	93	10162	19.136	ug/l		98
47) Bromodichloromethane	9.496	83	23925	18.983	ug/l		93
48) Methyl methacrylate	9.295	41	7184	16.960	ug/l	#	58
49) 1,4-Dioxane	9.301	88	2208	367.768	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.069	43	41248	85.067	ug/l		89
52) Toluene	10.246	92	39548	18.532	ug/l		94
53) t-1,3-Dichloropropene	10.465	75	23674	18.425	ug/l		97
54) cis-1,3-Dichloropropene	9.929	75	25699	18.629	ug/l	#	89
55) 1,1,2-Trichloroethane	10.648	97	13031	18.539	ug/l		91
56) Ethyl methacrylate	10.508	69	14680	16.987	ug/l	#	77
57) 1,3-Dichloropropane	10.788	76	20936	18.471	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.782	63	34496	81.624	ug/l	#	76
59) 2-Hexanone	10.831	43	29358	83.999	ug/l		89
60) Dibromochloromethane	10.983	129	19695	20.447	ug/l		99
61) 1,2-Dibromoethane	11.087	107	13752	19.462	ug/l		96
64) Tetrachloroethene	10.721	164	19735	21.367	ug/l		93
65) Chlorobenzene	11.520	112	45592	19.042	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.587	131	18387	19.019	ug/l		98
67) Ethyl Benzene	11.593	91	82449	19.327	ug/l		99
68) m/p-Xylenes	11.703	106	63500	39.095	ug/l		99
69) o-Xylene	12.026	106	30190	19.491	ug/l		100
70) Styrene	12.044	104	49250	19.091	ug/l		98
71) Bromoform	12.209	173	12306	20.593	ug/l	#	97
73) Isopropylbenzene	12.331	105	86883	20.117	ug/l		99
74) N-amyl acetate	12.142	43	14642	17.479	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	13650	18.261	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	10399m	16.282	ug/l		
77) Bromobenzene	12.605	156	20278	20.001	ug/l		80
78) n-propylbenzene	12.672	91	100175	19.897	ug/l		95
79) 2-Chlorotoluene	12.757	91	54857	19.462	ug/l		95
80) 1,3,5-Trimethylbenzene	12.812	105	72776	20.100	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.379	75	4059	15.575	ug/l	#	91
82) 4-Chlorotoluene	12.855	91	54866	18.891	ug/l		95
83) tert-Butylbenzene	13.074	119	66486	20.624	ug/l		98
84) 1,2,4-Trimethylbenzene	13.117	105	72440	20.357	ug/l		97
85) sec-Butylbenzene	13.251	105	92249	19.818	ug/l		97
86) p-Isopropyltoluene	13.367	119	81824	20.873	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	38231	19.875	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	38567	20.127	ug/l		98
89) n-Butylbenzene	13.696	91	73091	20.415	ug/l		98
90) Hexachloroethane	13.958	117	16692	21.504	ug/l		91
91) 1,2-Dichlorobenzene	13.739	146	34844	20.251	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2603	18.687	ug/l		65
93) 1,2,4-Trichlorobenzene	15.007	180	24801	21.929	ug/l		98
94) Hexachlorobutadiene	15.111	225	16540	24.254	ug/l		98
95) Naphthalene	15.233	128	48357	20.525	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	21272	21.219	ug/l		98

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

