

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012380.D
 Acq On : 27 Jan 2023 13:55
 Operator : KP/MD
 Sample : MDL06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/30/2023
 Supervised By :Mahesh Dadoda 01/30/2023

Quant Time: Jan 30 04:34:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 30 04:34:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	159339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65950	44.519	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.040%		
35) Dibromofluoromethane	7.716	113	57997	44.691	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.380%		
50) Toluene-d8	10.179	98	207699	40.576	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.160%		
62) 4-Bromofluorobenzene	12.483	95	75794	41.431	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	3505	2.517	ug/l	97
3) Chloromethane	2.113	50	3420	2.661	ug/l	92
4) Vinyl Chloride	2.253	62	3950	2.633	ug/l	97
5) Bromomethane	2.650	94	3895	3.358	ug/l	83
6) Chloroethane	2.796	64	2634	2.692	ug/l #	88
7) Trichlorofluoromethane	3.131	101	7948	2.714	ug/l	94
8) Diethyl Ether	3.534	74	2155	2.473	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.900	101	3776	2.649	ug/l	94
10) Methyl Iodide	4.101	142	4861	2.244	ug/l #	89
11) Tert butyl alcohol	4.930	59	7001	38.801	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	3841	2.625	ug/l	92
13) Acrolein	3.735	56	1344	18.056	ug/l	94
14) Allyl chloride	4.491	41	4290	2.371	ug/l #	82
15) Acrylonitrile	5.168	53	4902	12.879	ug/l	97
16) Acetone	3.942	43	5662	12.761	ug/l	99
17) Carbon Disulfide	4.192	76	11184	2.471	ug/l	99
18) Methyl Acetate	4.479	43	3147	3.170	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	10290	2.522	ug/l #	91
20) Methylene Chloride	4.716	84	13408	5.522	ug/l #	82
21) trans-1,2-Dichloroethene	5.222	96	4188	2.565	ug/l	91
22) Diisopropyl ether	6.119	45	8089	2.242	ug/l #	80
23) Vinyl Acetate	6.058	43	23445	10.430	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	6244	2.495	ug/l	99
25) 2-Butanone	6.984	43	6706	13.691	ug/l	98
26) 2,2-Dichloropropane	6.984	77	8510	3.133	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	4572	2.549	ug/l	96
28) Bromochloromethane	7.344	49	1773	3.245	ug/l #	65
29) Tetrahydrofuran	7.350	42	3448	12.815	ug/l #	79
30) Chloroform	7.509	83	7723	2.615	ug/l	98
31) Cyclohexane	7.783	56	8008	3.447	ug/l #	65
32) 1,1,1-Trichloroethane	7.704	97	7653	2.617	ug/l	97
36) 1,1-Dichloropropene	7.917	75	5719	2.593	ug/l	99
37) Ethyl Acetate	7.076	43	2561	2.634	ug/l #	95
38) Carbon Tetrachloride	7.899	117	7414	2.603	ug/l	92
39) Methylcyclohexane	9.185	83	7120	2.642	ug/l	95
40) Benzene	8.161	78	16956	2.664	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	1574m	2.754	ug/l	
42) 1,2-Dichloroethane	8.234	62	5618	2.772	ug/l	97
43) Isopropyl Acetate	8.277	43	4336	2.397	ug/l #	89
44) Trichloroethene	8.935	130	4922	2.587	ug/l	100
45) 1,2-Dichloropropane	9.216	63	3171	2.387	ug/l	98
46) Dibromomethane	9.307	93	2257	2.538	ug/l	92
47) Bromodichloromethane	9.496	83	5646	2.522	ug/l #	92
48) Methyl methacrylate	9.295	41	1985	2.382	ug/l #	86
49) 1,4-Dioxane	9.295	88	517	42.668	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	11262	11.676	ug/l	94
52) Toluene	10.246	92	11418	2.694	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	5644	2.411	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	6380	2.530	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	3190	2.525	ug/l #	91
56) Ethyl methacrylate	10.514	69	3846	2.320	ug/l	92
57) 1,3-Dichloropropane	10.789	76	5498	2.665	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	7309	13.327	ug/l #	82
59) 2-Hexanone	10.831	43	7923	10.789	ug/l	88
60) Dibromochloromethane	10.984	129	4394	2.622	ug/l	99
61) 1,2-Dibromoethane	11.087	107	3122	2.561	ug/l	97
64) Tetrachloroethene	10.721	164	5553	2.757	ug/l	94
65) Chlorobenzene	11.514	112	12490	2.766	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	4689	2.751	ug/l	95
67) Ethyl Benzene	11.593	91	20613	2.554	ug/l	93
68) m/p-Xylenes	11.703	106	16586	5.197	ug/l	95
69) o-Xylene	12.026	106	7904	2.593	ug/l	93
70) Styrene	12.044	104	13080	2.568	ug/l	97
71) Bromoform	12.209	173	2783	2.555	ug/l #	93
73) Isopropylbenzene	12.331	105	20489	2.504	ug/l	98
74) N-amyl acetate	12.142	43	3334	2.078	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	3362	2.608	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	3220m	3.085	ug/l	
77) Bromobenzene	12.611	156	5400	2.742	ug/l	90
78) n-propylbenzene	12.672	91	25824	2.697	ug/l	99
79) 2-Chlorotoluene	12.758	91	14591	2.695	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	18530	2.605	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	1376	2.717	ug/l	98
82) 4-Chlorotoluene	12.855	91	14996	2.637	ug/l	96
83) tert-Butylbenzene	13.075	119	15973	2.576	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	17408	2.481	ug/l	98
85) sec-Butylbenzene	13.251	105	22786	2.581	ug/l	94
86) p-Isopropyltoluene	13.367	119	19378	2.512	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	11081	2.829	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	11637	2.979	ug/l	92
89) n-Butylbenzene	13.697	91	16825	2.517	ug/l	95
90) Hexachloroethane	13.965	117	3842	2.759	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	9567	2.737	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	727	2.729	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	5969	2.666	ug/l	98
94) Hexachlorobutadiene	15.117	225	3743	2.776	ug/l	98
95) Naphthalene	15.239	128	10828	2.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	5144	2.669	ug/l	97

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

