

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074462.D
 Acq On : 06 Oct 2022 13:22
 Operator : VA/SY
 Sample : VD1006SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 01:25:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	180169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	162933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	75913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48891	52.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.520%			
35) Dibromofluoromethane	7.805	113	54870	46.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.360%			
50) Toluene-d8	10.269	98	229996	52.891	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.780%			
62) 4-Bromofluorobenzene	12.569	95	66275	49.340	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16502	17.928	ug/l	92
3) Chloromethane	2.146	50	26287	20.699	ug/l	92
4) Vinyl Chloride	2.281	62	21955	19.916	ug/l	99
5) Bromomethane	2.675	94	14411	22.341	ug/l	98
6) Chloroethane	2.828	64	14702	20.249	ug/l	96
7) Trichlorofluoromethane	3.170	101	36438	20.186	ug/l	99
8) Diethyl Ether	3.587	74	10655	19.088	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	24455	20.963	ug/l	98
10) Methyl Iodide	4.158	142	22809	18.635	ug/l	98
11) Tert butyl alcohol	5.040	59	11663	76.647	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	24250	19.730	ug/l	96
13) Acrolein	3.793	56	6827	111.666	ug/l	98
14) Allyl chloride	4.558	41	29116	20.694	ug/l	95
15) Acrylonitrile	5.258	53	22598	101.818	ug/l	97
16) Acetone	4.022	43	17549	79.263	ug/l	97
17) Carbon Disulfide	4.270	76	77883	20.078	ug/l	100
18) Methyl Acetate	4.558	43	11915	21.166	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	47537	19.624	ug/l	95
20) Methylene Chloride	4.799	84	32310	19.438	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	28207	20.749	ug/l	98
22) Diisopropyl ether	6.211	45	58304	20.332	ug/l #	93
23) Vinyl Acetate	6.158	43	110145m	83.495	ug/l	
24) 1,1-Dichloroethane	6.111	63	43794	21.044	ug/l	96
25) 2-Butanone	7.081	43	23794	89.520	ug/l	93
26) 2,2-Dichloropropane	7.075	77	36629	19.923	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	29355	20.414	ug/l	96
28) Bromochloromethane	7.416	49	12097	19.690	ug/l	87
29) Tetrahydrofuran	7.446	42	14172	95.307	ug/l	92
30) Chloroform	7.599	83	43390	20.177	ug/l	98
31) Cyclohexane	7.875	56	36899	19.825	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	38037	20.024	ug/l	96
36) 1,1-Dichloropropene	8.005	75	33875	20.313	ug/l	98
37) Ethyl Acetate	7.163	43	10492	19.161	ug/l	96
38) Carbon Tetrachloride	7.987	117	28774	19.471	ug/l	97
39) Methylcyclohexane	9.269	83	42141	20.608	ug/l	95
40) Benzene	8.252	78	100148	20.678	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	6007	20.047	ug/l	90
42) 1,2-Dichloroethane	8.322	62	23197	20.232	ug/l	97
43) Isopropyl Acetate	8.358	43	19607	18.775	ug/l	99
44) Trichloroethene	9.028	130	28144	20.681	ug/l	98
45) 1,2-Dichloropropane	9.305	63	22711	20.197	ug/l	92
46) Dibromomethane	9.393	93	12454	19.999	ug/l	92
47) Bromodichloromethane	9.587	83	31848	20.477	ug/l	100
48) Methyl methacrylate	9.375	41	9230	18.989	ug/l	92
49) 1,4-Dioxane	9.381	88	2862	431.525	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	49358	95.087	ug/l	100
52) Toluene	10.334	92	63475	20.735	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	26646	18.770	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	34464	19.704	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	17294	19.751	ug/l	97
56) Ethyl methacrylate	10.593	69	18985	19.273	ug/l	92
57) 1,3-Dichloropropane	10.881	76	28685	20.328	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	10603	66.465	ug/l	97
59) 2-Hexanone	10.922	43	34241	96.190	ug/l	97
60) Dibromochloromethane	11.075	129	21204	20.780	ug/l	96
61) 1,2-Dibromoethane	11.175	107	16553	20.457	ug/l	100
64) Tetrachloroethene	10.804	164	23385	20.687	ug/l	97
65) Chlorobenzene	11.604	112	68351	20.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	22107	20.181	ug/l	97
67) Ethyl Benzene	11.681	91	121912	20.772	ug/l	98
68) m/p-Xylenes	11.787	106	97939	42.464	ug/l	98
69) o-Xylene	12.116	106	44533	21.015	ug/l	95
70) Styrene	12.134	104	75242	20.723	ug/l	97
71) Bromoform	12.299	173	11059	19.202	ug/l #	91
73) Isopropylbenzene	12.416	105	118590	21.242	ug/l	99
74) N-amyl acetate	12.228	43	18891	19.787	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	18834	20.294	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	12811m	21.984	ug/l	
77) Bromobenzene	12.698	156	27105	21.355	ug/l	96
78) n-propylbenzene	12.757	91	147286	21.594	ug/l	98
79) 2-Chlorotoluene	12.846	91	76729	21.121	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	97546	21.150	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	4644	17.780	ug/l	92
82) 4-Chlorotoluene	12.940	91	78202	21.085	ug/l	99
83) tert-Butylbenzene	13.163	119	83253	20.978	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	96903	21.382	ug/l	99
85) sec-Butylbenzene	13.340	105	130242	21.304	ug/l	98
86) p-Isopropyltoluene	13.457	119	108612	21.537	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	54399	21.178	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	53084	20.760	ug/l	98
89) n-Butylbenzene	13.781	91	103770	21.969	ug/l	97
90) Hexachloroethane	14.045	117	18060	20.187	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	46089	21.095	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2508	18.449	ug/l	97
93) 1,2,4-Trichlorobenzene	15.092	180	27955	19.717	ug/l	96
94) Hexachlorobutadiene	15.198	225	15646	21.170	ug/l	96
95) Naphthalene	15.322	128	51962	19.209	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	25157	20.485	ug/l	97

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

