

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074525.D
 Acq On : 13 Oct 2022 13:17
 Operator : VA/SY
 Sample : VD1013SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

Quant Time: Oct 13 16:56:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	89296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	147158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	125336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43891	57.104	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.200%			
35) Dibromofluoromethane	7.804	113	51468	58.533	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.060%			
50) Toluene-d8	10.269	98	189993	56.176	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.360%			
62) 4-Bromofluorobenzene	12.569	95	55248	53.811	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16062	18.605	ug/l	90
3) Chloromethane	2.146	50	21776	20.267	ug/l	92
4) Vinyl Chloride	2.281	62	22312	20.074	ug/l	94
5) Bromomethane	2.675	94	17239	21.861	ug/l	91
6) Chloroethane	2.828	64	15951	21.509	ug/l	98
7) Trichlorofluoromethane	3.169	101	34815	20.468	ug/l	88
8) Diethyl Ether	3.599	74	10535	20.632	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	22950	20.074	ug/l	98
10) Methyl Iodide	4.163	142	23364	18.828	ug/l	98
11) Tert butyl alcohol	5.028	59	12143m	68.491	ug/l	
12) 1,1-Dichloroethene	3.934	96	23120	19.854	ug/l	93
13) Acrolein	3.805	56	4654	118.488	ug/l	87
14) Allyl chloride	4.563	41	25659	20.240	ug/l	99
15) Acrylonitrile	5.246	53	20917	102.908	ug/l	98
16) Acetone	4.022	43	15170	91.497	ug/l	100
17) Carbon Disulfide	4.263	76	67881	19.715	ug/l	99
18) Methyl Acetate	4.569	43	10410	19.732	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	46124	20.814	ug/l	96
20) Methylene Chloride	4.799	84	32166	19.271	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	25457	20.296	ug/l	99
22) Diisopropyl ether	6.216	45	54581	21.534	ug/l	97
23) Vinyl Acetate	6.152	43	108424	98.530	ug/l	96
24) 1,1-Dichloroethane	6.116	63	39932	20.352	ug/l	97
25) 2-Butanone	7.081	43	22454	98.108	ug/l	96
26) 2,2-Dichloropropane	7.075	77	35898	20.785	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	29090	21.775	ug/l	98
28) Bromochloromethane	7.422	49	11459	22.119	ug/l	93
29) Tetrahydrofuran	7.451	42	14116	111.840	ug/l	93
30) Chloroform	7.599	83	42730	22.477	ug/l	92
31) Cyclohexane	7.875	56	34290	20.968	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	37655	21.874	ug/l	97
36) 1,1-Dichloropropene	8.004	75	31898	22.586	ug/l	98
37) Ethyl Acetate	7.169	43	10502	22.656	ug/l	97
38) Carbon Tetrachloride	7.987	117	30347	23.240	ug/l	98
39) Methylcyclohexane	9.275	83	36581	20.694	ug/l	95
40) Benzene	8.251	78	96820	23.034	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	5374	20.206	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	22407	22.559	ug/l	100
43) Isopropyl Acetate	8.357	43	19086	22.409	ug/l	97
44) Trichloroethene	9.028	130	25855	21.501	ug/l	100
45) 1,2-Dichloropropane	9.304	63	20707	21.623	ug/l	99
46) Dibromomethane	9.398	93	10957	20.363	ug/l	97
47) Bromodichloromethane	9.587	83	28387	21.342	ug/l	96
48) Methyl methacrylate	9.381	41	8465	20.539	ug/l	93
49) 1,4-Dioxane	9.387	88	2596	464.400	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	45096	107.030	ug/l	98
52) Toluene	10.334	92	60164	22.647	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	24687	21.288	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	32552	22.224	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	16231	22.502	ug/l	92
56) Ethyl methacrylate	10.598	69	17889	21.514	ug/l	98
57) 1,3-Dichloropropane	10.881	76	26449	21.925	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	14054	98.712	ug/l	99
59) 2-Hexanone	10.916	43	31124	110.349	ug/l	96
60) Dibromochloromethane	11.075	129	18292	21.084	ug/l	97
61) 1,2-Dibromoethane	11.181	107	14966	22.299	ug/l	99
64) Tetrachloroethene	10.804	164	20728	22.086	ug/l	94
65) Chlorobenzene	11.604	112	62241	23.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	21526	23.580	ug/l	98
67) Ethyl Benzene	11.681	91	111159	23.310	ug/l	100
68) m/p-Xylenes	11.792	106	88465	46.523	ug/l	100
69) o-Xylene	12.116	106	40928	23.132	ug/l	96
70) Styrene	12.134	104	69471	23.236	ug/l	99
71) Bromoform	12.298	173	10630	22.859	ug/l #	99
73) Isopropylbenzene	12.422	105	108944	23.049	ug/l	99
74) N-amyl acetate	12.228	43	16664	22.511	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	17724	23.705	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	12432m	24.758	ug/l	
77) Bromobenzene	12.698	156	24220	22.649	ug/l	96
78) n-propylbenzene	12.757	91	132495	23.170	ug/l	99
79) 2-Chlorotoluene	12.845	91	70954	23.118	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	86975	22.640	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	4169	21.060	ug/l	97
82) 4-Chlorotoluene	12.945	91	72200	23.437	ug/l	99
83) tert-Butylbenzene	13.163	119	76311	22.686	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	88746	23.320	ug/l	98
85) sec-Butylbenzene	13.339	105	119491	23.312	ug/l	100
86) p-Isopropyltoluene	13.457	119	97679	22.951	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	48885	22.313	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	49053	22.562	ug/l	98
89) n-Butylbenzene	13.781	91	92289	23.214	ug/l	98
90) Hexachloroethane	14.051	117	16711	22.240	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	42765	22.882	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	2396	23.441	ug/l	94
93) 1,2,4-Trichlorobenzene	15.092	180	27859	22.606	ug/l	98
94) Hexachlorobutadiene	15.198	225	14367	22.423	ug/l	98
95) Naphthalene	15.328	128	49550	21.291	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	24611	23.395	ug/l	99

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

