

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074500.D
 Acq On : 10 Oct 2022 14:03
 Operator : VA/SY
 Sample : VD1010SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1010SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 08:20:43 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	94199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	148748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	69079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42231	50.460	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.920%			
35) Dibromofluoromethane	7.805	113	48548	44.669	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.340%			
50) Toluene-d8	10.269	98	204894	51.555	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.569	95	57822	46.730	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	15252	18.346	ug/l	98
3) Chloromethane	2.146	50	22194	19.350	ug/l #	87
4) Vinyl Chloride	2.281	62	21145	21.237	ug/l	97
5) Bromomethane	2.675	94	14301	24.547	ug/l	99
6) Chloroethane	2.828	64	15013	22.894	ug/l	89
7) Trichlorofluoromethane	3.164	101	33709	20.676	ug/l	98
8) Diethyl Ether	3.593	74	10817	21.455	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	22062	20.939	ug/l	99
10) Methyl Iodide	4.158	142	23216	20.263	ug/l	97
11) Tert butyl alcohol	5.022	59	16271	181.867	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	22654	20.407	ug/l	91
13) Acrolein	3.793	56	5042	91.309	ug/l	90
14) Allyl chloride	4.558	41	26056	20.504	ug/l	99
15) Acrylonitrile	5.252	53	20671	103.119	ug/l	100
16) Acetone	4.022	43	16212	80.849	ug/l	96
17) Carbon Disulfide	4.269	76	71052	20.281	ug/l	99
18) Methyl Acetate	4.558	43	10489	20.630	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	44763	20.460	ug/l	96
20) Methylene Chloride	4.799	84	35262	24.695	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	26551	21.624	ug/l	91
22) Diisopropyl ether	6.216	45	55083	21.268	ug/l #	98
23) Vinyl Acetate	6.158	43	115913m	97.285	ug/l	
24) 1,1-Dichloroethane	6.105	63	40521	21.558	ug/l	95
25) 2-Butanone	7.081	43	23037	95.963	ug/l	98
26) 2,2-Dichloropropane	7.069	77	36870	22.204	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	27475	21.155	ug/l	96
28) Bromochloromethane	7.422	49	11243	20.261	ug/l	89
29) Tetrahydrofuran	7.446	42	13043	97.116	ug/l	92
30) Chloroform	7.593	83	39886	20.535	ug/l	99
31) Cyclohexane	7.875	56	33228	19.766	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	35015	20.409	ug/l	96
36) 1,1-Dichloropropene	8.010	75	31309	20.523	ug/l	98
37) Ethyl Acetate	7.169	43	10089	20.141	ug/l	97
38) Carbon Tetrachloride	7.987	117	27592	20.410	ug/l	98
39) Methylcyclohexane	9.275	83	38020	20.325	ug/l	93
40) Benzene	8.252	78	92198	20.810	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5315	19.390	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	21326	20.332	ug/l	97
43) Isopropyl Acetate	8.357	43	18226	19.079	ug/l #	80
44) Trichloroethene	9.028	130	26202	21.047	ug/l	96
45) 1,2-Dichloropropane	9.304	63	20823	20.243	ug/l	95
46) Dibromomethane	9.393	93	11724	20.580	ug/l	92
47) Bromodichloromethane	9.587	83	28843	20.273	ug/l	98
48) Methyl methacrylate	9.381	41	7803	17.548	ug/l	94
49) 1,4-Dioxane	9.381	88	2240	369.199	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	46768	98.489	ug/l	97
52) Toluene	10.334	92	59039	21.083	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	24282	18.698	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	32559	20.349	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	16338	20.397	ug/l	97
56) Ethyl methacrylate	10.599	69	17972	19.944	ug/l	95
57) 1,3-Dichloropropane	10.875	76	26261	20.343	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	15917	92.740	ug/l	96
59) 2-Hexanone	10.922	43	30600	93.968	ug/l	100
60) Dibromochloromethane	11.075	129	19358	20.738	ug/l	99
61) 1,2-Dibromoethane	11.175	107	15517	20.962	ug/l	97
64) Tetrachloroethene	10.810	164	21519	20.852	ug/l	84
65) Chlorobenzene	11.604	112	62762	21.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	20760	20.759	ug/l	98
67) Ethyl Benzene	11.681	91	113155	21.119	ug/l	99
68) m/p-Xylenes	11.793	106	89817	42.656	ug/l	98
69) o-Xylene	12.116	106	41553	21.478	ug/l	95
70) Styrene	12.134	104	69656	21.014	ug/l	98
71) Bromoform	12.293	173	10421	19.819	ug/l #	97
73) Isopropylbenzene	12.416	105	107936	21.246	ug/l	99
74) N-amyl acetate	12.228	43	16737	19.265	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	17464	20.679	ug/l	92
76) 1,2,3-Trichloropropane	12.722	75	9799m	18.479	ug/l	
77) Bromobenzene	12.698	156	24717	21.400	ug/l	97
78) n-propylbenzene	12.757	91	135015	21.753	ug/l	97
79) 2-Chlorotoluene	12.845	91	71681	21.684	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	90200	21.492	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	4451	18.727	ug/l	98
82) 4-Chlorotoluene	12.940	91	74050	21.941	ug/l	99
83) tert-Butylbenzene	13.163	119	77702	21.516	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	88732	21.516	ug/l	99
85) sec-Butylbenzene	13.340	105	115333	20.732	ug/l	98
86) p-Isopropyltoluene	13.457	119	98921	21.556	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	50135	21.449	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	48903	21.017	ug/l	99
89) n-Butylbenzene	13.781	91	93308	21.709	ug/l	97
90) Hexachloroethane	14.051	117	17918	22.010	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	42667	21.461	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2330	18.835	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	26615	20.629	ug/l	96
94) Hexachlorobutadiene	15.198	225	13366	19.874	ug/l	94
95) Naphthalene	15.322	128	49230	20.000	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	23232	20.789	ug/l	98

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

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