

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074798.D
 Acq On : 08 Nov 2022 12:22
 Operator : VA/SY
 Sample : VD1108SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 14:48:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	201513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58830	50.055	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.100%			
35) Dibromofluoromethane	7.805	113	73015	52.396	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.800%			
50) Toluene-d8	10.269	98	246406	48.475	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.960%			
62) 4-Bromofluorobenzene	12.569	95	75725	51.595	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	24650	20.225	ug/l	92
3) Chloromethane	2.146	50	40234	20.687	ug/l	96
4) Vinyl Chloride	2.281	62	43230	20.269	ug/l	100
5) Bromomethane	2.675	94	37114	22.966	ug/l	99
6) Chloroethane	2.828	64	31516	21.319	ug/l	95
7) Trichlorofluoromethane	3.169	101	51575	20.814	ug/l	99
8) Diethyl Ether	3.587	74	14590	20.156	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	32722	20.789	ug/l	98
10) Methyl Iodide	4.158	142	30686	18.917	ug/l	97
11) Tert butyl alcohol	5.052	59	10972	6.854	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	31217	19.527	ug/l	95
13) Acrolein	3.799	56	7037	86.995	ug/l	92
14) Allyl chloride	4.558	41	34279	20.266	ug/l	99
15) Acrylonitrile	5.252	53	28283	98.877	ug/l	100
16) Acetone	4.016	43	25250	102.949	ug/l	91
17) Carbon Disulfide	4.264	76	92660	19.221	ug/l	97
18) Methyl Acetate	4.564	43	15387	20.746	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	61546	20.243	ug/l	100
20) Methylene Chloride	4.799	84	54316	19.116	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	34800	19.806	ug/l	93
22) Diisopropyl ether	6.210	45	75675	21.676	ug/l	99
23) Vinyl Acetate	6.158	43	155370	104.674	ug/l	98
24) 1,1-Dichloroethane	6.111	63	56433	21.134	ug/l	99
25) 2-Butanone	7.081	43	34288	101.675	ug/l	91
26) 2,2-Dichloropropane	7.075	77	51724	21.052	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	40506	20.899	ug/l	98
28) Bromochloromethane	7.428	49	18223	21.625	ug/l	94
29) Tetrahydrofuran	7.440	42	18639	96.374	ug/l	96
30) Chloroform	7.593	83	61977	21.726	ug/l	96
31) Cyclohexane	7.875	56	43063	18.097	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	52668	20.900	ug/l	97
36) 1,1-Dichloropropene	8.010	75	45409	21.468	ug/l	99
37) Ethyl Acetate	7.169	43	14522	20.581	ug/l	96
38) Carbon Tetrachloride	7.993	117	41666	20.792	ug/l	92
39) Methylcyclohexane	9.275	83	46663	18.132	ug/l	96
40) Benzene	8.252	78	137726	22.029	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8329	22.509	ug/l #	92
42) 1,2-Dichloroethane	8.322	62	31905	22.198	ug/l	98
43) Isopropyl Acetate	8.363	43	26942	20.521	ug/l	99
44) Trichloroethene	9.028	130	34467	19.350	ug/l	99
45) 1,2-Dichloropropane	9.304	63	29222	21.134	ug/l	93
46) Dibromomethane	9.399	93	16303	20.346	ug/l	95
47) Bromodichloromethane	9.587	83	40243	20.861	ug/l	96
48) Methyl methacrylate	9.375	41	11291	19.299	ug/l	100
49) 1,4-Dioxane	9.387	88	2906	359.616	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	63408	99.590	ug/l	96
52) Toluene	10.334	92	79780	20.842	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	35182	20.620	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	43721	20.421	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	22784	20.930	ug/l	97
56) Ethyl methacrylate	10.599	69	23509	19.316	ug/l	95
57) 1,3-Dichloropropane	10.881	76	36738	20.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	32305	119.389	ug/l	99
59) 2-Hexanone	10.922	43	43409	99.114	ug/l	100
60) Dibromochloromethane	11.075	129	27265	20.980	ug/l	98
61) 1,2-Dibromoethane	11.181	107	22084	21.527	ug/l	97
64) Tetrachloroethene	10.810	164	28828	20.251	ug/l	95
65) Chlorobenzene	11.604	112	86521	21.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	29413	21.723	ug/l	96
67) Ethyl Benzene	11.681	91	144970	20.499	ug/l	94
68) m/p-Xylenes	11.793	106	117444	41.830	ug/l	100
69) o-Xylene	12.116	106	54288	21.033	ug/l	96
70) Styrene	12.134	104	92392	21.128	ug/l	98
71) Bromoform	12.298	173	14983	20.664	ug/l #	92
73) Isopropylbenzene	12.422	105	140987	19.872	ug/l	99
74) N-amyl acetate	12.234	43	22941	19.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	25412	21.316	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	19159m	25.451	ug/l	
77) Bromobenzene	12.698	156	33374	20.430	ug/l	96
78) n-propylbenzene	12.763	91	174054	20.479	ug/l	99
79) 2-Chlorotoluene	12.851	91	95644	20.899	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	119111	20.578	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	6789	21.408	ug/l	94
82) 4-Chlorotoluene	12.945	91	98830	20.762	ug/l	98
83) tert-Butylbenzene	13.163	119	101825	19.962	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	118396	20.730	ug/l	98
85) sec-Butylbenzene	13.345	105	154846	20.121	ug/l	100
86) p-Isopropyltoluene	13.457	119	129410	19.967	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	70875	20.924	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	68514	20.576	ug/l	98
89) n-Butylbenzene	13.787	91	117691	19.855	ug/l	99
90) Hexachloroethane	14.051	117	22994	20.693	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	60689	21.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3258	19.770	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	35762	20.076	ug/l	98
94) Hexachlorobutadiene	15.198	225	18382	19.726	ug/l	98
95) Naphthalene	15.328	128	63857	18.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	31181	19.893	ug/l	99

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

