

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074862.D
 Acq On : 10 Nov 2022 12:39
 Operator : VA/SY
 Sample : VD1110SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 16:39:53 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	149046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	225541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59898	50.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.480%			
35) Dibromofluoromethane	7.804	113	75612	56.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.340%			
50) Toluene-d8	10.269	98	251750	51.730	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.575	95	79541	56.606	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	23835	19.471	ug/l	90
3) Chloromethane	2.146	50	39628	20.286	ug/l	95
4) Vinyl Chloride	2.281	62	43372	20.246	ug/l	98
5) Bromomethane	2.681	94	37029	22.813	ug/l	98
6) Chloroethane	2.834	64	32471	21.869	ug/l	99
7) Trichlorofluoromethane	3.169	101	50149	20.150	ug/l	98
8) Diethyl Ether	3.587	74	15402	21.184	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	31658	20.025	ug/l	98
10) Methyl Iodide	4.163	142	30922	18.961	ug/l	99
12) 1,1-Dichloroethene	3.934	96	31455	19.590	ug/l	91
13) Acrolein	3.799	56	7416	91.279	ug/l	98
14) Allyl chloride	4.558	41	33691	19.831	ug/l	97
15) Acrylonitrile	5.258	53	30200	105.117	ug/l	99
16) Acetone	4.022	43	27118	110.082	ug/l	94
17) Carbon Disulfide	4.269	76	90905	18.774	ug/l	100
18) Methyl Acetate	4.558	43	16149	21.678	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	64890	21.249	ug/l	98
20) Methylene Chloride	4.799	84	65148	25.609	ug/l	88
21) trans-1,2-Dichloroethene	5.316	96	37178	21.067	ug/l	82
22) Diisopropyl ether	6.216	45	79331	22.624	ug/l	96
23) Vinyl Acetate	6.157	43	173830	116.599	ug/l	98
24) 1,1-Dichloroethane	6.110	63	59772	22.287	ug/l	95
25) 2-Butanone	7.087	43	36751	108.502	ug/l	98
26) 2,2-Dichloropropane	7.075	77	53147	21.536	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	41049	21.086	ug/l	99
28) Bromochloromethane	7.428	49	19271	22.769	ug/l	94
29) Tetrahydrofuran	7.446	42	19586	100.827	ug/l	98
30) Chloroform	7.599	83	63620	22.205	ug/l	97
31) Cyclohexane	7.881	56	43249	18.096	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	53145	20.997	ug/l	97
36) 1,1-Dichloropropene	8.010	75	46188	22.808	ug/l	98
37) Ethyl Acetate	7.169	43	15552	23.021	ug/l	96
38) Carbon Tetrachloride	7.993	117	42018	21.900	ug/l	95
39) Methylcyclohexane	9.275	83	47123	19.126	ug/l	97
40) Benzene	8.251	78	139291	23.271	ug/l	99
41) Methacrylonitrile	7.399	41	7883	22.299	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.328	62	30527	22.184	ug/l	100
43) Isopropyl Acetate	8.363	43	26975	21.460	ug/l #	78
44) Trichloroethene	9.028	130	34979	20.511	ug/l	95
45) 1,2-Dichloropropane	9.304	63	29876	22.568	ug/l	97
46) Dibromomethane	9.393	93	17350	22.616	ug/l	90
47) Bromodichloromethane	9.587	83	42508	23.015	ug/l	99
48) Methyl methacrylate	9.381	41	12046	21.505	ug/l	95
49) 1,4-Dioxane	9.387	88	2954	381.819	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	68538	112.437	ug/l	96
52) Toluene	10.334	92	81576	22.259	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	37246	22.801	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	46917	22.889	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	24199	23.219	ug/l	94
56) Ethyl methacrylate	10.598	69	24938	21.401	ug/l	93
57) 1,3-Dichloropropane	10.881	76	38506	22.933	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	45607	168.166	ug/l	96
59) 2-Hexanone	10.922	43	48067	114.632	ug/l	99
60) Dibromochloromethane	11.075	129	28311	22.754	ug/l	97
61) 1,2-Dibromoethane	11.181	107	22687	23.099	ug/l	99
64) Tetrachloroethene	10.810	164	28756	19.703	ug/l	93
65) Chlorobenzene	11.610	112	88560	21.646	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	30786	22.178	ug/l	97
67) Ethyl Benzene	11.687	91	151856	20.945	ug/l	97
68) m/p-Xylenes	11.792	106	122932	42.708	ug/l	100
69) o-Xylene	12.122	106	55458	20.957	ug/l	100
70) Styrene	12.134	104	97114	21.662	ug/l	100
71) Bromoform	12.298	173	16487	22.179	ug/l #	100
73) Isopropylbenzene	12.422	105	147908	20.704	ug/l	99
74) N-amyl acetate	12.234	43	24615	21.214	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	26421	22.010	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	20981m	27.680	ug/l	
77) Bromobenzene	12.698	156	34915	21.226	ug/l	95
78) n-propylbenzene	12.763	91	180134	21.049	ug/l	99
79) 2-Chlorotoluene	12.851	91	99602	21.614	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	121532	20.852	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	7672	24.026	ug/l	96
82) 4-Chlorotoluene	12.945	91	103718	21.639	ug/l	98
83) tert-Butylbenzene	13.169	119	102621	19.980	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	121613	21.146	ug/l	97
85) sec-Butylbenzene	13.345	105	157345	20.305	ug/l	99
86) p-Isopropyltoluene	13.457	119	131807	20.196	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	72944	21.387	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	71933	21.454	ug/l	98
89) n-Butylbenzene	13.787	91	121885	20.421	ug/l	97
90) Hexachloroethane	14.051	117	24053	21.497	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	61900	21.307	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3791	22.846	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	35946	20.040	ug/l	98
94) Hexachlorobutadiene	15.204	225	17905	19.082	ug/l	98
95) Naphthalene	15.333	128	67708	19.653	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	32450	20.560	ug/l	98

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

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