

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074843.D
 Acq On : 09 Nov 2022 23:30
 Operator : VA/SY
 Sample : VD1109SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBS02

Quant Time: Nov 10 00:38:54 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	156415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	270783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65655	52.997	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.000%			
35) Dibromofluoromethane	7.804	113	87351	54.533	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.060%			
50) Toluene-d8	10.269	98	298837	51.146	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.300%			
62) 4-Bromofluorobenzene	12.575	95	94822	56.207	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	26731	20.808	ug/l	99
3) Chloromethane	2.146	50	41585	20.285	ug/l	89
4) Vinyl Chloride	2.281	62	48585	21.611	ug/l	97
5) Bromomethane	2.681	94	42146	24.743	ug/l	93
6) Chloroethane	2.834	64	35723	22.925	ug/l	99
7) Trichlorofluoromethane	3.169	101	59509	22.785	ug/l	95
8) Diethyl Ether	3.587	74	17578	23.038	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	37461	22.579	ug/l	98
10) Methyl Iodide	4.163	142	39879	22.029	ug/l	98
12) 1,1-Dichloroethene	3.940	96	37599	22.313	ug/l	98
13) Acrolein	3.799	56	9606	112.664	ug/l	95
14) Allyl chloride	4.563	41	40429	22.676	ug/l	100
15) Acrylonitrile	5.252	53	36016	119.455	ug/l	97
16) Acetone	4.022	43	23702	91.682	ug/l	93
17) Carbon Disulfide	4.269	76	103131	20.296	ug/l	97
18) Methyl Acetate	4.563	43	19150	24.496	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	76485	23.866	ug/l	96
20) Methylene Chloride	4.805	84	50053	14.911	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	42207	22.790	ug/l	92
22) Diisopropyl ether	6.216	45	88738	24.115	ug/l	93
23) Vinyl Acetate	6.157	43	178178	113.885	ug/l	97
24) 1,1-Dichloroethane	6.110	63	67580	24.011	ug/l	96
25) 2-Butanone	7.087	43	37139	104.482	ug/l	99
26) 2,2-Dichloropropane	7.081	77	57066	22.035	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	48107	23.548	ug/l	99
28) Bromochloromethane	7.428	49	21745	24.482	ug/l	99
29) Tetrahydrofuran	7.446	42	22898	112.324	ug/l	97
30) Chloroform	7.599	83	74164	24.665	ug/l	100
31) Cyclohexane	7.881	56	47610	18.982	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	59533	22.412	ug/l	98
36) 1,1-Dichloropropene	8.010	75	48205	19.827	ug/l	100
37) Ethyl Acetate	7.169	43	17344	21.384	ug/l #	93
38) Carbon Tetrachloride	7.993	117	42377	18.397	ug/l	97
39) Methylcyclohexane	9.275	83	55210	18.664	ug/l	97
40) Benzene	8.251	78	146923	20.445	ug/l	99
41) Methacrylonitrile	7.404	41	8976	21.361	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.328	62	35726	21.624	ug/l	99
43) Isopropyl Acetate	8.363	43	30695	20.339	ug/l	98
44) Trichloroethene	9.028	130	42219	20.620	ug/l	97
45) 1,2-Dichloropropane	9.304	63	35541	22.362	ug/l	99
46) Dibromomethane	9.393	93	20057	21.776	ug/l	96
47) Bromodichloromethane	9.587	83	48372	21.814	ug/l	98
48) Methyl methacrylate	9.381	41	14488	21.543	ug/l	92
49) 1,4-Dioxane	9.381	88	3926	422.671	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	76694	104.796	ug/l	99
52) Toluene	10.334	92	95820	21.777	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	41903	21.366	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	53635	21.794	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	28337	22.646	ug/l	95
56) Ethyl methacrylate	10.598	69	29481	21.073	ug/l	95
57) 1,3-Dichloropropane	10.881	76	45178	22.411	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	45500	143.085	ug/l	96
59) 2-Hexanone	10.922	43	51348	101.996	ug/l	96
60) Dibromochloromethane	11.075	129	34306	22.966	ug/l	100
61) 1,2-Dibromoethane	11.181	107	26909	22.820	ug/l	100
64) Tetrachloroethene	10.810	164	34980	20.118	ug/l	95
65) Chlorobenzene	11.604	112	102532	21.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	35747	21.616	ug/l	97
67) Ethyl Benzene	11.687	91	176315	20.412	ug/l	95
68) m/p-Xylenes	11.792	106	148015	43.163	ug/l	98
69) o-Xylene	12.122	106	66249	21.014	ug/l	99
70) Styrene	12.134	104	114389	21.417	ug/l	99
71) Bromoform	12.298	173	19460	21.973	ug/l #	100
73) Isopropylbenzene	12.422	105	171610	20.282	ug/l	99
74) N-amyl acetate	12.234	43	27253	19.830	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	30494	21.448	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	19326m	21.526	ug/l	
77) Bromobenzene	12.698	156	41150	21.121	ug/l	96
78) n-propylbenzene	12.763	91	206680	20.390	ug/l	100
79) 2-Chlorotoluene	12.851	91	113281	20.755	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	144944	20.997	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7621	20.150	ug/l	98
82) 4-Chlorotoluene	12.945	91	118350	20.848	ug/l	98
83) tert-Butylbenzene	13.169	119	121691	20.003	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	148872	21.856	ug/l	98
85) sec-Butylbenzene	13.345	105	181730	19.800	ug/l	99
86) p-Isopropyltoluene	13.457	119	150922	19.525	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	81497	20.174	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	81491	20.520	ug/l	98
89) n-Butylbenzene	13.786	91	135779	19.206	ug/l	98
90) Hexachloroethane	14.051	117	26593	20.067	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	70626	20.526	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4044	20.576	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	41046	19.320	ug/l	99
94) Hexachlorobutadiene	15.204	225	22474	20.222	ug/l	92
95) Naphthalene	15.328	128	79924	19.586	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	37624	20.126	ug/l	97

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

