

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074795.D
 Acq On : 08 Nov 2022 10:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 08 14:47:55 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

11/09/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	149931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	236504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59224	49.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.740%
35) Dibromofluoromethane	7.805	113	72252	51.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.269	98	242130	47.447	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.575	95	75983	51.568	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.140%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.928	85	52813	42.889	ug/l 94
3) Chloromethane	2.146	50	87013	44.280	ug/l 96
4) Vinyl Chloride	2.281	62	103313	47.942	ug/l 100
5) Bromomethane	2.687	94	79853	48.907	ug/l 97
6) Chloroethane	2.834	64	76648	51.316	ug/l 100
7) Trichlorofluoromethane	3.175	101	124854	49.871	ug/l 98
8) Diethyl Ether	3.587	74	36826	50.353	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.970	101	81088	50.989	ug/l 98
10) Methyl Iodide	4.164	142	91537	45.002	ug/l 98
11) Tert butyl alcohol	5.046	59	19849	120.281	ug/l # 92
12) 1,1-Dichloroethene	3.940	96	79774	49.389	ug/l 92
13) Acrolein	3.793	56	19514	238.769	ug/l 91
14) Allyl chloride	4.558	41	84797	49.618	ug/l 99
15) Acrylonitrile	5.252	53	74561	257.993	ug/l 99
16) Acetone	4.017	43	74688	301.396	ug/l 99
17) Carbon Disulfide	4.270	76	234688	48.184	ug/l 98
18) Methyl Acetate	4.564	43	34560	46.119	ug/l 99
19) Methyl tert-butyl Ether	5.311	73	164073	53.411	ug/l 99
20) Methylene Chloride	4.799	84	98017	45.403	ug/l 90
21) trans-1,2-Dichloroethene	5.317	96	90918	51.214	ug/l 93
22) Diisopropyl ether	6.216	45	192615	54.607	ug/l 97
23) Vinyl Acetate	6.152	43	447741	298.555	ug/l 98
24) 1,1-Dichloroethane	6.116	63	137274	50.882	ug/l 98
25) 2-Butanone	7.081	43	91875	269.647	ug/l 99
26) 2,2-Dichloropropane	7.075	77	124526	50.162	ug/l 97
27) cis-1,2-Dichloroethene	7.081	96	100135	51.135	ug/l 99
28) Bromochloromethane	7.422	49	45157	53.039	ug/l 100
29) Tetrahydrofuran	7.446	42	51840	265.293	ug/l 98
30) Chloroform	7.599	83	151407	52.532	ug/l 98
31) Cyclohexane	7.875	56	114898	47.790	ug/l 96
32) 1,1,1-Trichloroethane	7.793	97	131516	51.653	ug/l 97
36) 1,1-Dichloropropene	8.011	75	116444	54.835	ug/l 99
37) Ethyl Acetate	7.164	43	37677	53.187	ug/l 97
38) Carbon Tetrachloride	7.993	117	110163	54.756	ug/l 97
39) Methylcyclohexane	9.275	83	125389	48.532	ug/l 97
40) Benzene	8.252	78	339729	54.126	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	17156	41.843	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	80424	55.735	ug/l	99
43) Isopropyl Acetate	8.358	43	70344	53.368	ug/l	98
44) Trichloroethene	9.028	130	84716	47.374	ug/l	99
45) 1,2-Dichloropropane	9.305	63	70438	50.741	ug/l	91
46) Dibromomethane	9.393	93	42305	52.589	ug/l	92
47) Bromodichloromethane	9.587	83	99986	51.626	ug/l	97
48) Methyl methacrylate	9.381	41	29921	50.940	ug/l	97
49) 1,4-Dioxane	9.381	88	8931	1100.866	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	171206	267.845	ug/l	98
52) Toluene	10.334	92	201251	52.368	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	93487	54.577	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	112762	52.461	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	58682	53.695	ug/l	98
56) Ethyl methacrylate	10.599	69	67305	55.083	ug/l	97
57) 1,3-Dichloropropane	10.881	76	93508	53.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	90951	286.859	ug/l	98
59) 2-Hexanone	10.922	43	124967	284.210	ug/l	100
60) Dibromochloromethane	11.075	129	69710	53.430	ug/l	99
61) 1,2-Dibromoethane	11.175	107	54868	53.275	ug/l	98
64) Tetrachloroethene	10.810	164	72483	52.523	ug/l	93
65) Chlorobenzene	11.604	112	210229	54.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	72266	55.056	ug/l	96
67) Ethyl Benzene	11.681	91	377528	55.067	ug/l	99
68) m/p-Xylenes	11.793	106	302495	111.138	ug/l	99
69) o-Xylene	12.122	106	139308	55.673	ug/l	97
70) Styrene	12.134	104	246182	58.072	ug/l	98
71) Bromoform	12.299	173	40499	57.615	ug/l #	97
73) Isopropylbenzene	12.422	105	368602	52.555	ug/l	100
74) N-amyl acetate	12.234	43	60401	53.021	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	65348	55.449	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	40679m	54.663	ug/l	
77) Bromobenzene	12.698	156	84823	52.524	ug/l	96
78) n-propylbenzene	12.763	91	452599	53.868	ug/l	100
79) 2-Chlorotoluene	12.851	91	237976	52.600	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	303427	53.026	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	18145	57.878	ug/l	96
82) 4-Chlorotoluene	12.946	91	249960	53.119	ug/l	98
83) tert-Butylbenzene	13.163	119	266151	52.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	304391	53.911	ug/l	99
85) sec-Butylbenzene	13.346	105	402141	52.859	ug/l	100
86) p-Isopropyltoluene	13.457	119	338649	52.854	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	173051	51.680	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	170524	51.802	ug/l	99
89) n-Butylbenzene	13.787	91	314306	53.636	ug/l	98
90) Hexachloroethane	14.051	117	59228	53.917	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	150662	52.824	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8497	52.158	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	92750	52.668	ug/l	99
94) Hexachlorobutadiene	15.204	225	47449	51.506	ug/l	97
95) Naphthalene	15.328	128	176173	52.084	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	79822	51.513	ug/l	99

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

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