

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074793.D
 Acq On : 08 Nov 2022 07:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 08:00:09 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	127085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	199494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50047	49.722	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.440%		
35) Dibromofluoromethane	7.810	113	69157	58.603	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	117.200%		
50) Toluene-d8	10.269	98	226444	52.605	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.200%		
62) 4-Bromofluorobenzene	12.575	95	68707	55.280	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	110.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	47708	45.708	ug/l	94
3) Chloromethane	2.146	50	80714	48.459	ug/l	96
4) Vinyl Chloride	2.281	62	94795	51.898	ug/l	97
5) Bromomethane	2.687	94	75530	54.575	ug/l	97
6) Chloroethane	2.834	64	71273	56.296	ug/l	99
7) Trichlorofluoromethane	3.175	101	111505	52.546	ug/l	95
8) Diethyl Ether	3.587	74	34137	55.067	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	72294	53.631	ug/l	98
10) Methyl Iodide	4.163	142	88694	50.648	ug/l	98
11) Tert butyl alcohol	5.052	59	17430	129.527	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	73099	53.392	ug/l	96
13) Acrolein	3.799	56	15119	218.248	ug/l	94
14) Allyl chloride	4.563	41	76824	53.034	ug/l	99
15) Acrylonitrile	5.257	53	68539	279.789	ug/l	98
16) Acetone	4.022	43	44580	212.239	ug/l	96
17) Carbon Disulfide	4.269	76	220330	53.368	ug/l	99
18) Methyl Acetate	4.558	43	32630	51.371	ug/l	100
19) Methyl tert-butyl Ether	5.310	73	147806	56.766	ug/l	99
20) Methylene Chloride	4.799	84	112717	66.708	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	84622	56.237	ug/l	94
22) Diisopropyl ether	6.216	45	177312	59.306	ug/l	95
23) Vinyl Acetate	6.157	43	363921m	286.287	ug/l	
24) 1,1-Dichloroethane	6.110	63	131305	57.418	ug/l	98
25) 2-Butanone	7.081	43	70572	244.358	ug/l	91
26) 2,2-Dichloropropane	7.081	77	103020	48.959	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	92542	55.753	ug/l	98
28) Bromochloromethane	7.428	49	44343	61.445	ug/l	96
29) Tetrahydrofuran	7.446	42	45552	275.021	ug/l	97
30) Chloroform	7.593	83	141246	57.816	ug/l	99
31) Cyclohexane	7.875	56	98502	48.336	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	122097	56.574	ug/l	98
36) 1,1-Dichloropropene	8.010	75	93459	52.176	ug/l	99
37) Ethyl Acetate	7.169	43	34825	58.281	ug/l	98
38) Carbon Tetrachloride	7.993	117	86203	50.796	ug/l	97
39) Methylcyclohexane	9.275	83	111891	51.342	ug/l	94
40) Benzene	8.251	78	282895	53.433	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	15314	44.040	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	66968	55.020	ug/l	99
43) Isopropyl Acetate	8.363	43	58165	52.314	ug/l	99
44) Trichloroethene	9.028	130	79801	52.904	ug/l	97
45) 1,2-Dichloropropane	9.304	63	66370	56.681	ug/l	91
46) Dibromomethane	9.393	93	38589	56.869	ug/l	93
47) Bromodichloromethane	9.587	83	94741	57.993	ug/l	98
48) Methyl methacrylate	9.381	41	28010	56.533	ug/l	93
49) 1,4-Dioxane	9.381	88	7713	1127.111	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	152884	283.553	ug/l	99
52) Toluene	10.334	92	186902	57.657	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	80974	56.042	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	101695	56.090	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	53685	58.236	ug/l	96
56) Ethyl methacrylate	10.598	69	60100	58.311	ug/l	99
57) 1,3-Dichloropropane	10.881	76	86061	57.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	78786	293.003	ug/l	99
59) 2-Hexanone	10.922	43	101811	274.503	ug/l	99
60) Dibromochloromethane	11.075	129	64514	58.621	ug/l	99
61) 1,2-Dibromoethane	11.181	107	50271	57.867	ug/l	98
64) Tetrachloroethene	10.810	164	68258	53.176	ug/l	95
65) Chlorobenzene	11.604	112	198212	55.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	69090	56.590	ug/l	98
67) Ethyl Benzene	11.681	91	352534	55.284	ug/l	98
68) m/p-Xylenes	11.792	106	280896	110.953	ug/l	99
69) o-Xylene	12.122	106	131272	56.402	ug/l	96
70) Styrene	12.134	104	226611	57.470	ug/l	99
71) Bromoform	12.298	173	36103	55.218	ug/l #	95
73) Isopropylbenzene	12.422	105	344550	54.665	ug/l	100
74) N-amyl acetate	12.234	43	54447	53.183	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	59014	55.720	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	35738m	53.438	ug/l	
77) Bromobenzene	12.698	156	78076	53.797	ug/l	96
78) n-propylbenzene	12.763	91	414022	54.832	ug/l	99
79) 2-Chlorotoluene	12.845	91	222851	54.811	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	283348	55.101	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	14205	50.419	ug/l	98
82) 4-Chlorotoluene	12.945	91	230408	54.484	ug/l	99
83) tert-Butylbenzene	13.163	119	250599	55.299	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	285080	56.184	ug/l	99
85) sec-Butylbenzene	13.345	105	369103	53.986	ug/l	100
86) p-Isopropyltoluene	13.457	119	311430	54.086	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	161770	53.758	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	156131	52.778	ug/l	99
89) n-Butylbenzene	13.786	91	276567	52.518	ug/l	99
90) Hexachloroethane	14.051	117	55005	55.718	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	137584	53.678	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7521	51.372	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	82469	52.110	ug/l	99
94) Hexachlorobutadiene	15.198	225	41942	50.661	ug/l	99
95) Naphthalene	15.328	128	159661	52.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	72064	51.750	ug/l	98

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

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