

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074728.D
 Acq On : 04 Nov 2022 10:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

Quant Time: Nov 07 00:20:19 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	158388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	258873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61606	49.109	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.220%		
35) Dibromofluoromethane	7.804	113	76120	49.708	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.420%		
50) Toluene-d8	10.269	98	292569	52.377	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.760%		
62) 4-Bromofluorobenzene	12.575	95	77347	47.958	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	58913	45.288	ug/l	96
3) Chloromethane	2.146	50	92899	44.752	ug/l	93
4) Vinyl Chloride	2.281	62	110815	48.678	ug/l	98
5) Bromomethane	2.693	94	84609	49.053	ug/l	97
6) Chloroethane	2.834	64	76833	48.694	ug/l	97
7) Trichlorofluoromethane	3.175	101	131815	49.840	ug/l	99
8) Diethyl Ether	3.587	74	37911	49.068	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	84063	50.037	ug/l	99
10) Methyl Iodide	4.163	142	98719	45.826	ug/l	99
11) Tert butyl alcohol	5.052	59	19600	103.512	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	85977	50.387	ug/l	94
13) Acrolein	3.799	56	18849	218.317	ug/l	95
14) Allyl chloride	4.558	41	93732	51.918	ug/l	99
15) Acrylonitrile	5.252	53	72753	238.295	ug/l	98
16) Acetone	4.016	43	66590	254.370	ug/l	96
17) Carbon Disulfide	4.269	76	258638	50.266	ug/l	98
18) Methyl Acetate	4.558	43	32489	41.041	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	163713	50.449	ug/l	96
20) Methylene Chloride	4.799	84	97837	42.110	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	96634	51.527	ug/l	89
22) Diisopropyl ether	6.210	45	199695	53.592	ug/l	94
23) Vinyl Acetate	6.152	43	469505	296.351	ug/l	98
24) 1,1-Dichloroethane	6.110	63	142780	50.097	ug/l	97
25) 2-Butanone	7.075	43	85845	238.496	ug/l	97
26) 2,2-Dichloropropane	7.075	77	132319	50.456	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	103832	50.191	ug/l	100
28) Bromochloromethane	7.428	49	46667	51.886	ug/l	96
29) Tetrahydrofuran	7.440	42	49832	241.401	ug/l	95
30) Chloroform	7.599	83	153783	50.508	ug/l	99
31) Cyclohexane	7.875	56	124118	48.869	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	136928	50.907	ug/l	98
36) 1,1-Dichloropropene	8.010	75	121928	52.456	ug/l	99
37) Ethyl Acetate	7.169	43	35844	46.227	ug/l	96
38) Carbon Tetrachloride	7.993	117	116522	52.913	ug/l	95
39) Methylcyclohexane	9.275	83	147770	52.252	ug/l	98
40) Benzene	8.251	78	354109	51.542	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	17904	40.086	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	80754	51.128	ug/l	100
43) Isopropyl Acetate	8.357	43	69503	48.173	ug/l	98
44) Trichloroethene	9.028	130	101314	51.760	ug/l	98
45) 1,2-Dichloropropane	9.304	63	80909	53.248	ug/l	95
46) Dibromomethane	9.393	93	45308	51.455	ug/l	96
47) Bromodichloromethane	9.587	83	114645	54.080	ug/l	96
48) Methyl methacrylate	9.381	41	33173	51.596	ug/l	92
49) 1,4-Dioxane	9.387	88	9088	1023.422	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	176102	251.698	ug/l	98
52) Toluene	10.334	92	233428	55.493	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	105276	56.149	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	127822	54.329	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	63301	52.917	ug/l	97
56) Ethyl methacrylate	10.598	69	71158	53.204	ug/l	96
57) 1,3-Dichloropropane	10.881	76	103065	53.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	121566	335.767	ug/l	98
59) 2-Hexanone	10.922	43	124873	259.456	ug/l	99
60) Dibromochloromethane	11.075	129	78223	54.775	ug/l	98
61) 1,2-Dibromoethane	11.181	107	59575	52.847	ug/l	100
64) Tetrachloroethene	10.810	164	83112	51.825	ug/l	97
65) Chlorobenzene	11.610	112	216111	48.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	75208	49.306	ug/l	99
67) Ethyl Benzene	11.687	91	383264	48.106	ug/l	99
68) m/p-Xylenes	11.792	106	303535	95.965	ug/l	100
69) o-Xylene	12.122	106	139784	48.072	ug/l	98
70) Styrene	12.134	104	242053	49.134	ug/l	98
71) Bromoform	12.298	173	37064	45.373	ug/l #	95
73) Isopropylbenzene	12.422	105	369912	53.155	ug/l	100
74) N-amyl acetate	12.234	43	57162	50.570	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	59220	50.643	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	39060m	52.898	ug/l	
77) Bromobenzene	12.698	156	83604	52.175	ug/l	97
78) n-propylbenzene	12.763	91	442444	53.071	ug/l	99
79) 2-Chlorotoluene	12.851	91	238124	53.045	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	302189	53.224	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	17028	54.740	ug/l	98
82) 4-Chlorotoluene	12.945	91	246182	52.726	ug/l	99
83) tert-Butylbenzene	13.169	119	263753	52.714	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	302941	54.074	ug/l	99
85) sec-Butylbenzene	13.345	105	393915	52.183	ug/l	99
86) p-Isopropyltoluene	13.457	119	330964	52.059	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	168868	50.826	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	165173	50.570	ug/l	99
89) n-Butylbenzene	13.786	91	304234	52.324	ug/l	99
90) Hexachloroethane	14.051	117	58473	53.646	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	143060	50.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7456	46.126	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	89669	51.318	ug/l	98
94) Hexachlorobutadiene	15.204	225	44200	48.355	ug/l	99
95) Naphthalene	15.333	128	167660	49.956	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	79084	51.436	ug/l	99

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

