

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074902.D
 Acq On : 11 Nov 2022 22:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:57:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	258335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	103213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59888	56.392	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.780%			
35) Dibromofluoromethane	7.805	113	76174	47.834	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.660%			
50) Toluene-d8	10.269	98	236514	45.088	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.180%			
62) 4-Bromofluorobenzene	12.575	95	77058	47.840	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	53122	49.003	ug/l	95
3) Chloromethane	2.146	50	87163	51.441	ug/l	94
4) Vinyl Chloride	2.275	62	110618	48.697	ug/l	98
5) Bromomethane	2.687	94	89339	52.419	ug/l	98
6) Chloroethane	2.828	64	79912	47.905	ug/l	99
7) Trichlorofluoromethane	3.170	101	128943	49.819	ug/l	99
8) Diethyl Ether	3.587	74	38727	52.187	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	83159	50.349	ug/l	98
10) Methyl Iodide	4.158	142	92268	47.263	ug/l	99
11) Tert butyl alcohol	5.064	59	21194	272.819	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	80043	49.752	ug/l	94
13) Acrolein	3.793	56	9773	212.299	ug/l	97
14) Allyl chloride	4.558	41	83951	48.784	ug/l	98
15) Acrylonitrile	5.258	53	77840	268.420	ug/l	99
16) Acetone	4.022	43	54688	204.488	ug/l	97
17) Carbon Disulfide	4.269	76	220565	48.193	ug/l	98
18) Methyl Acetate	4.558	43	35393	50.732	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	173466	53.855	ug/l	97
20) Methylene Chloride	4.793	84	116571	51.824	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	91450	50.126	ug/l	90
22) Diisopropyl ether	6.216	45	199552	52.026	ug/l	96
23) Vinyl Acetate	6.158	43	397479	241.447	ug/l	97
24) 1,1-Dichloroethane	6.111	63	146807	51.252	ug/l	98
25) 2-Butanone	7.081	43	83053	237.482	ug/l	94
26) 2,2-Dichloropropane	7.075	77	124506	46.253	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	102935	50.857	ug/l	100
28) Bromochloromethane	7.422	49	45645	49.394	ug/l	98
29) Tetrahydrofuran	7.440	42	52512	271.267	ug/l	98
30) Chloroform	7.599	83	160349	51.116	ug/l	97
31) Cyclohexane	7.875	56	114000	48.268	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	138864	51.364	ug/l	97
36) 1,1-Dichloropropene	8.005	75	118162	50.488	ug/l	99
37) Ethyl Acetate	7.169	43	39338	50.091	ug/l	97
38) Carbon Tetrachloride	7.993	117	112663	51.140	ug/l	98
39) Methylcyclohexane	9.275	83	121566	48.486	ug/l	93
40) Benzene	8.252	78	353273	52.494	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	17895	42.963	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	84951	52.747	ug/l	98
43) Isopropyl Acetate	8.363	43	74069	53.550	ug/l	97
44) Trichloroethene	9.028	130	83967	47.227	ug/l	100
45) 1,2-Dichloropropane	9.305	63	72979	48.263	ug/l	96
46) Dibromomethane	9.393	93	41605	49.130	ug/l	93
47) Bromodichloromethane	9.587	83	103360	49.180	ug/l	96
48) Methyl methacrylate	9.381	41	31239	50.984	ug/l	92
49) 1,4-Dioxane	9.381	88	8733	1050.953	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	174995	265.384	ug/l	98
52) Toluene	10.334	92	199702	49.631	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	90684	48.845	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	113614	49.900	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	59355	50.408	ug/l	97
56) Ethyl methacrylate	10.599	69	68682	48.358	ug/l	97
57) 1,3-Dichloropropane	10.881	76	95453	50.423	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	98533	202.089	ug/l	98
59) 2-Hexanone	10.922	43	116192	252.766	ug/l	98
60) Dibromochloromethane	11.075	129	72110	51.623	ug/l	97
61) 1,2-Dibromoethane	11.181	107	55664	50.547	ug/l	99
64) Tetrachloroethene	10.810	164	71357	50.036	ug/l	96
65) Chlorobenzene	11.610	112	214739	51.608	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	75787	51.984	ug/l	96
67) Ethyl Benzene	11.687	91	385125	53.126	ug/l	98
68) m/p-Xylenes	11.793	106	306614	106.082	ug/l	98
69) o-Xylene	12.122	106	140224	52.732	ug/l	99
70) Styrene	12.134	104	249834	54.809	ug/l	99
71) Bromoform	12.298	173	41465	54.955	ug/l #	100
73) Isopropylbenzene	12.422	105	374345	52.694	ug/l	100
74) N-amyl acetate	12.234	43	63445	54.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	66153	52.644	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	44263m	51.273	ug/l	
77) Bromobenzene	12.704	156	86491	52.026	ug/l	95
78) n-propylbenzene	12.763	91	460646	52.751	ug/l	99
79) 2-Chlorotoluene	12.851	91	244777	52.022	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	310487	52.453	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	16930	48.245	ug/l	97
82) 4-Chlorotoluene	12.951	91	254177	51.874	ug/l	98
83) tert-Butylbenzene	13.169	119	267911	52.161	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	311605	53.226	ug/l	100
85) sec-Butylbenzene	13.345	105	411004	52.607	ug/l	99
86) p-Isopropyltoluene	13.463	119	344988	53.105	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	179964	52.039	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	176137	51.317	ug/l	98
89) n-Butylbenzene	13.787	91	311875	51.709	ug/l	98
90) Hexachloroethane	14.057	117	60078	51.635	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	154633	52.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8783	50.695	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	93569	52.271	ug/l	99
94) Hexachlorobutadiene	15.204	225	47640	51.594	ug/l	98
95) Naphthalene	15.334	128	180743	54.399	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	83489	53.933	ug/l	99

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

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