

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110222\
 Data File : VD074702.D
 Acq On : 02 Nov 2022 13:57
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 01:43:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 01:37:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	248055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56266	46.890	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.780%		
35) Dibromofluoromethane	7.805	113	68310	46.553	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.100%		
50) Toluene-d8	10.269	98	235663	44.029	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.060%		
62) 4-Bromofluorobenzene	12.575	95	71337	46.160	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.929	85	56674	45.546	ug/l	98
3) Chloromethane	2.146	50	93604	47.139	ug/l	91
4) Vinyl Chloride	2.281	62	107780	49.495	ug/l	96
5) Bromomethane	2.687	94	73335	44.447	ug/l	99
6) Chloroethane	2.828	64	74232	49.182	ug/l	98
7) Trichlorofluoromethane	3.170	101	125930	49.778	ug/l	99
8) Diethyl Ether	3.593	74	36727	49.695	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	78261	48.699	ug/l	100
10) Methyl Iodide	4.158	142	97319	56.270	ug/l	100
11) Tert butyl alcohol	5.046	59	28046	131.881	ug/l #	97
12) 1,1-Dichloroethene	3.934	96	83009	50.857	ug/l	91
13) Acrolein	3.793	56	19505	236.176	ug/l	99
14) Allyl chloride	4.564	41	87016	50.387	ug/l	99
15) Acrylonitrile	5.252	53	73303	251.001	ug/l	99
16) Acetone	4.023	43	63804	254.797	ug/l	93
17) Carbon Disulfide	4.264	76	250725	50.941	ug/l	97
18) Methyl Acetate	4.564	43	34023	44.930	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	158081	50.926	ug/l	99
20) Methylene Chloride	4.799	84	104259	32.418	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	90656	50.535	ug/l	89
22) Diisopropyl ether	6.217	45	186928	52.444	ug/l	97
23) Vinyl Acetate	6.152	43	381450m	251.822	ug/l	
24) 1,1-Dichloroethane	6.111	63	135163	49.578	ug/l	98
25) 2-Butanone	7.081	43	85217	247.504	ug/l	96
26) 2,2-Dichloropropane	7.075	77	121931	48.606	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	99377	50.220	ug/l	98
28) Bromochloromethane	7.422	49	42226	49.080	ug/l	96
29) Tetrahydrofuran	7.440	42	50781	257.171	ug/l	96
30) Chloroform	7.599	83	144689	49.679	ug/l	97
31) Cyclohexane	7.875	56	119189	49.059	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	128900	50.099	ug/l	97
36) 1,1-Dichloropropene	8.005	75	113456	50.940	ug/l	99
37) Ethyl Acetate	7.169	43	36855	49.604	ug/l	96
38) Carbon Tetrachloride	7.993	117	106658	50.546	ug/l	98
39) Methylcyclohexane	9.275	83	142562	52.609	ug/l	97
40) Benzene	8.252	78	332601	50.523	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	20683	56.542	ug/l	93
42) 1,2-Dichloroethane	8.328	62	75916	50.161	ug/l	99
43) Isopropyl Acetate	8.358	43	69027	49.930	ug/l	99
44) Trichloroethene	9.028	130	94433	50.348	ug/l	96
45) 1,2-Dichloropropane	9.305	63	75281	51.705	ug/l	96
46) Dibromomethane	9.393	93	43441	51.486	ug/l	95
47) Bromodichloromethane	9.581	83	106218	52.290	ug/l	98
48) Methyl methacrylate	9.381	41	32660	53.014	ug/l	95
49) 1,4-Dioxane	9.381	88	9301	1093.087	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	172546	257.371	ug/l	97
52) Toluene	10.334	92	194085	48.152	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	86080	47.913	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	118630	52.621	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	53138	46.358	ug/l	96
56) Ethyl methacrylate	10.599	69	62157	48.501	ug/l	95
57) 1,3-Dichloropropane	10.881	76	86640	46.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	86996	259.217	ug/l	99
59) 2-Hexanone	10.922	43	113156	245.365	ug/l	99
60) Dibromochloromethane	11.075	129	63060	46.083	ug/l	99
61) 1,2-Dibromoethane	11.181	107	50078	46.360	ug/l	100
64) Tetrachloroethene	10.810	164	67813	48.572	ug/l	96
65) Chlorobenzene	11.604	112	200186	51.147	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	69058	52.005	ug/l	97
67) Ethyl Benzene	11.681	91	366913	52.901	ug/l	99
68) m/p-Xylenes	11.793	106	291233	105.765	ug/l	98
69) o-Xylene	12.122	106	135825	53.655	ug/l	95
70) Styrene	12.134	104	228430	53.262	ug/l	99
71) Bromoform	12.299	173	37220	52.339	ug/l #	99
73) Isopropylbenzene	12.422	105	354708	51.911	ug/l	100
74) N-amyl acetate	12.234	43	57374	51.695	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	57186	49.806	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	36846m	50.314	ug/l	
77) Bromobenzene	12.699	156	79283	50.391	ug/l	97
78) n-propylbenzene	12.763	91	427077	52.173	ug/l	99
79) 2-Chlorotoluene	12.846	91	226672	51.426	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	292398	52.450	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	15695	51.386	ug/l	92
82) 4-Chlorotoluene	12.946	91	233690	50.974	ug/l	99
83) tert-Butylbenzene	13.163	119	257617	52.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	286734	52.126	ug/l	100
85) sec-Butylbenzene	13.340	105	382246	51.572	ug/l	99
86) p-Isopropyltoluene	13.457	119	322057	51.593	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	163046	49.979	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	160283	49.978	ug/l	98
89) n-Butylbenzene	13.787	91	297624	52.132	ug/l	99
90) Hexachloroethane	14.051	117	55532	51.888	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	139324	50.140	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7743	48.785	ug/l	100
93) 1,2,4-Trichlorobenzene	15.093	180	85502	49.836	ug/l	99
94) Hexachlorobutadiene	15.204	225	45240	50.406	ug/l	97
95) Naphthalene	15.328	128	171981	52.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	75003	49.682	ug/l	97

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

