

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075050.D
 Acq On : 27 Dec 2022 12:51
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 28 01:51:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	262495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	223680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	94576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75492	51.845	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.680%			
35) Dibromofluoromethane	7.804	113	82135	53.175	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.340%			
50) Toluene-d8	10.269	98	326883	52.376	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.760%			
62) 4-Bromofluorobenzene	12.575	95	104259	51.566	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	34448	47.977	ug/l	98
3) Chloromethane	2.146	50	63848	53.337	ug/l	97
4) Vinyl Chloride	2.281	62	59890	48.478	ug/l	97
5) Bromomethane	2.687	94	28944	54.789	ug/l	98
6) Chloroethane	2.828	64	39028	49.897	ug/l	100
7) Trichlorofluoromethane	3.169	101	91728	48.380	ug/l	94
8) Diethyl Ether	3.593	74	34811	47.882	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	65629	49.130	ug/l	97
10) Methyl Iodide	4.163	142	53042	46.257	ug/l	100
11) Tert butyl alcohol	5.052	59	24547	220.922	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	61462	47.618	ug/l	87
13) Acrolein	3.793	56	37044	211.313	ug/l	99
14) Allyl chloride	4.558	41	112966	50.297	ug/l #	91
15) Acrylonitrile	5.257	53	89218	242.352	ug/l	100
16) Acetone	4.022	43	99333	262.657	ug/l	98
17) Carbon Disulfide	4.269	76	115593	47.680	ug/l	96
18) Methyl Acetate	4.558	43	41811	47.125	ug/l #	89
19) Methyl tert-butyl Ether	5.316	73	172564	50.335	ug/l	100
20) Methylene Chloride	4.793	84	82762	49.302	ug/l #	86
21) trans-1,2-Dichloroethene	5.310	96	69061	48.213	ug/l #	84
22) Diisopropyl ether	6.216	45	243072	50.242	ug/l	94
23) Vinyl Acetate	6.152	43	593931	271.458	ug/l #	93
24) 1,1-Dichloroethane	6.104	63	139785	49.469	ug/l	97
25) 2-Butanone	7.081	43	125846	249.359	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	124691	49.397	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	89210	49.371	ug/l	89
28) Bromochloromethane	7.428	49	48533	49.616	ug/l #	78
29) Tetrahydrofuran	7.446	42	65759	226.011	ug/l #	85
30) Chloroform	7.593	83	140289	50.845	ug/l	99
31) Cyclohexane	7.875	56	103278	50.150	ug/l	91
32) 1,1,1-Trichloroethane	7.787	97	119939	50.235	ug/l	96
36) 1,1-Dichloropropene	8.004	75	96574	48.404	ug/l	99
37) Ethyl Acetate	7.169	43	46184	45.825	ug/l	97
38) Carbon Tetrachloride	7.993	117	90944	52.715	ug/l	99
39) Methylcyclohexane	9.269	83	114399	47.213	ug/l	93
40) Benzene	8.246	78	299937	49.378	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26862	42.837	ug/l	96
42) 1,2-Dichloroethane	8.322	62	76854	49.591	ug/l	98
43) Isopropyl Acetate	8.357	43	95792	47.246	ug/l #	91
44) Trichloroethene	9.028	130	82127	49.089	ug/l	99
45) 1,2-Dichloropropane	9.304	63	82312	50.592	ug/l	97
46) Dibromomethane	9.393	93	40416	49.948	ug/l	99
47) Bromodichloromethane	9.587	83	107920	51.214	ug/l	96
48) Methyl methacrylate	9.375	41	43538	47.275	ug/l	84
49) 1,4-Dioxane	9.381	88	10254	1005.564	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	241456	241.074	ug/l	91
52) Toluene	10.334	92	192448	49.754	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	104205	50.826	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	124898	50.553	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	59896	50.551	ug/l	99
56) Ethyl methacrylate	10.598	69	74820	47.971	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	98709	49.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	153123	239.181	ug/l	94
59) 2-Hexanone	10.922	43	181113	248.664	ug/l	92
60) Dibromochloromethane	11.075	129	69311	51.060	ug/l	99
61) 1,2-Dibromoethane	11.181	107	52464	49.389	ug/l	99
64) Tetrachloroethene	10.810	164	64554	49.304	ug/l	97
65) Chlorobenzene	11.610	112	204921	50.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	73701	52.097	ug/l	97
67) Ethyl Benzene	11.687	91	368872	49.335	ug/l	98
68) m/p-Xylenes	11.792	106	281422	99.272	ug/l	100
69) o-Xylene	12.122	106	137724	50.505	ug/l	100
70) Styrene	12.139	104	232528	50.719	ug/l	97
71) Bromoform	12.304	173	38947	50.741	ug/l #	100
73) Isopropylbenzene	12.422	105	364675	50.293	ug/l	100
74) N-amyl acetate	12.234	43	87662	47.630	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	63442	49.067	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	49113m	50.646	ug/l	
77) Bromobenzene	12.704	156	78893	50.971	ug/l	94
78) n-propylbenzene	12.769	91	439850	49.525	ug/l	100
79) 2-Chlorotoluene	12.851	91	240949	49.659	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	293047	50.114	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	20024	47.857	ug/l	93
82) 4-Chlorotoluene	12.951	91	245008	49.490	ug/l	98
83) tert-Butylbenzene	13.169	119	261613	50.537	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	286483	50.369	ug/l	100
85) sec-Butylbenzene	13.345	105	397270	49.985	ug/l	100
86) p-Isopropyltoluene	13.463	119	315979	49.836	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	150402	49.734	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	152168	50.373	ug/l	99
89) n-Butylbenzene	13.792	91	312812	49.397	ug/l	100
90) Hexachloroethane	14.057	117	56506	50.152	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	134821	50.455	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9340	47.009	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	88073	50.162	ug/l	98
94) Hexachlorobutadiene	15.210	225	44460	50.654	ug/l	96
95) Naphthalene	15.333	128	179601	49.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	77446	51.395	ug/l	97

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

