

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077832.D
 Acq On : 12 Dec 2023 09:40
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023

Quant Time: Dec 12 10:41:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	160679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	275501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	247722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	130630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80939	42.749	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.500%		
35) Dibromofluoromethane	7.810	113	83555	43.298	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.600%		
50) Toluene-d8	10.269	98	335394	43.394	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.780%		
62) 4-Bromofluorobenzene	12.575	95	97894	42.364	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	88399	44.042	ug/l	99
3) Chloromethane	2.152	50	130873	47.836	ug/l	98
4) Vinyl Chloride	2.287	62	177345	47.749	ug/l	98
5) Bromomethane	2.699	94	107786	51.719	ug/l	98
6) Chloroethane	2.846	64	118505	46.800	ug/l	99
7) Trichlorofluoromethane	3.181	101	162544	47.518	ug/l	90
8) Diethyl Ether	3.599	74	46347	48.252	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.975	101	91185	46.596	ug/l	97
10) Methyl Iodide	4.169	142	87379	50.819	ug/l #	88
11) Tert butyl alcohol	5.058	59	21436	234.399	ug/l	98
12) 1,1-Dichloroethene	3.946	96	91727	47.492	ug/l	90
13) Acrolein	3.799	56	44441	221.890	ug/l	96
14) Allyl chloride	4.569	41	122884	46.260	ug/l	92
15) Acrylonitrile	5.258	53	97681	237.518	ug/l	97
16) Acetone	4.022	43	95124	229.935	ug/l #	85
17) Carbon Disulfide	4.275	76	291912	44.674	ug/l	97
18) Methyl Acetate	4.569	43	73474	49.274	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	197762	48.261	ug/l	97
20) Methylene Chloride	4.811	84	104231	46.107	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	106440	48.655	ug/l	97
22) Diisopropyl ether	6.222	45	261227	47.059	ug/l	94
23) Vinyl Acetate	6.158	43	637969	235.343	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	172027	45.762	ug/l	95
25) 2-Butanone	7.087	43	118490	226.238	ug/l	88
26) 2,2-Dichloropropane	7.081	77	150520	47.690	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	113150	48.068	ug/l	91
28) Bromochloromethane	7.428	49	72646	47.825	ug/l	81
29) Tetrahydrofuran	7.446	42	69130	229.286	ug/l	87
30) Chloroform	7.599	83	173883	46.217	ug/l	94
31) Cyclohexane	7.881	56	151900	45.105	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	154558	46.600	ug/l	99
36) 1,1-Dichloropropene	8.010	75	141359	45.795	ug/l	96
37) Ethyl Acetate	7.169	43	50212	41.718	ug/l	95
38) Carbon Tetrachloride	7.999	117	139207	45.236	ug/l	99
39) Methylcyclohexane	9.275	83	175233	47.886	ug/l	94
40) Benzene	8.257	78	404817	46.207	ug/l	99

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41) Methacrylonitrile	7.405	41	27230	44.512	ug/l	90
42) 1,2-Dichloroethane	8.328	62	104236	45.899	ug/l	94
43) Isopropyl Acetate	8.363	43	99095	46.315	ug/l #	91
44) Trichloroethene	9.034	130	103644	45.396	ug/l	90
45) 1,2-Dichloropropane	9.304	63	97784	45.913	ug/l	100
46) Dibromomethane	9.399	93	50933	45.198	ug/l	95
47) Bromodichloromethane	9.587	83	129318	45.275	ug/l	99
48) Methyl methacrylate	9.381	41	55072	45.281	ug/l #	80
49) 1,4-Dioxane	9.387	88	10613	948.463	ug/l #	92
51) 4-Methyl-2-Pentanone	10.163	43	253045	231.736	ug/l	91
52) Toluene	10.334	92	255952	47.098	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	129999	47.395	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	155283	46.825	ug/l #	86
55) 1,1,2-Trichloroethane	10.740	97	70673	45.849	ug/l	98
56) Ethyl methacrylate	10.599	69	63142	46.469	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	125084	47.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	212194	273.837	ug/l	94
59) 2-Hexanone	10.922	43	186666	206.048	ug/l	87
60) Dibromochloromethane	11.075	129	87156	46.963	ug/l	98
61) 1,2-Dibromoethane	11.181	107	65408	45.078	ug/l	98
64) Tetrachloroethene	10.810	164	84212	46.252	ug/l	93
65) Chlorobenzene	11.610	112	260890	44.471	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	96256	46.727	ug/l	96
67) Ethyl Benzene	11.687	91	489380	47.451	ug/l	99
68) m/p-Xylenes	11.798	106	386814	98.053	ug/l	94
69) o-Xylene	12.122	106	176057	48.424	ug/l	93
70) Styrene	12.140	104	262140	48.489	ug/l	94
71) Bromoform	12.304	173	51290	47.652	ug/l #	98
73) Isopropylbenzene	12.422	105	468247	47.295	ug/l	97
74) N-amyl acetate	12.234	43	90298	46.398	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	80476	46.618	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	59447m	52.398	ug/l	
77) Bromobenzene	12.704	156	106598	45.775	ug/l	91
78) n-propylbenzene	12.763	91	575259	47.683	ug/l	96
79) 2-Chlorotoluene	12.851	91	302836	46.840	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	387634	46.943	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	27048	48.303	ug/l	94
82) 4-Chlorotoluene	12.951	91	317891	47.032	ug/l	97
83) tert-Butylbenzene	13.169	119	333130	47.787	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	399148	48.329	ug/l	96
85) sec-Butylbenzene	13.345	105	499620	48.485	ug/l	97
86) p-Isopropyltoluene	13.463	119	450591	48.840	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	222223	46.663	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	220752	46.323	ug/l	98
89) n-Butylbenzene	13.787	91	430958	49.643	ug/l	98
90) Hexachloroethane	14.057	117	82402	48.566	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	190259	46.975	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11436	45.646	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	126152	45.600	ug/l	97
94) Hexachlorobutadiene	15.204	225	72204	48.400	ug/l	99
95) Naphthalene	15.334	128	223687	48.664	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	107858	47.291	ug/l	98

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

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