

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062824\
 Data File : VD079282.D
 Acq On : 28 Jun 2024 14:53
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
 Supervised By :Semsettin Yesilyurt 07/01/2024

Quant Time: Jun 29 06:07:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 05:53:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	177643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	312063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80566	46.053	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.100%		
35) Dibromofluoromethane	7.805	113	95598	46.670	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.340%		
50) Toluene-d8	10.269	98	324583	44.047	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.100%		
62) 4-Bromofluorobenzene	12.569	95	116252	49.197	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	91402	45.523	ug/l	99
3) Chloromethane	2.146	50	134682	44.238	ug/l	97
4) Vinyl Chloride	2.275	62	157955	46.527	ug/l	95
5) Bromomethane	2.687	94	127231	47.341	ug/l	99
6) Chloroethane	2.834	64	106929	44.401	ug/l	99
7) Trichlorofluoromethane	3.170	101	174677	44.982	ug/l	97
8) Diethyl Ether	3.587	74	51766	45.321	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	109020	45.187	ug/l	96
10) Methyl Iodide	4.158	142	108854	46.367	ug/l	95
11) Tert butyl alcohol	5.052	59	25374	213.470	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	108665	46.528	ug/l	96
13) Acrolein	3.793	56	54793	233.083	ug/l	99
14) Allyl chloride	4.558	41	138397	46.433	ug/l	86
15) Acrylonitrile	5.252	53	119699	229.920	ug/l	96
16) Acetone	4.017	43	107628	255.274	ug/l	97
17) Carbon Disulfide	4.264	76	379406	46.244	ug/l	100
18) Methyl Acetate	4.564	43	58359	47.645	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	222987	46.600	ug/l	98
20) Methylene Chloride	4.793	84	134265	45.798	ug/l	87
21) trans-1,2-Dichloroethene	5.305	96	123289	46.978	ug/l	88
22) Diisopropyl ether	6.216	45	312576	48.200	ug/l #	92
23) Vinyl Acetate	6.158	43	1192909	243.012	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	210532	46.305	ug/l	96
25) 2-Butanone	7.081	43	139613	237.690	ug/l	94
26) 2,2-Dichloropropane	7.069	77	166759	46.458	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	134292	46.709	ug/l	86
28) Bromochloromethane	7.416	49	87282	46.041	ug/l #	71
29) Tetrahydrofuran	7.446	42	86520	237.114	ug/l	85
30) Chloroform	7.593	83	212328	45.271	ug/l	98
31) Cyclohexane	7.875	56	173180	45.861	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	178965	46.489	ug/l	98
36) 1,1-Dichloropropene	8.005	75	159336	50.067	ug/l	95
37) Ethyl Acetate	7.163	43	58535	48.320	ug/l	98
38) Carbon Tetrachloride	7.993	117	156835	48.528	ug/l	99
39) Methylcyclohexane	9.275	83	189322	50.564	ug/l	93
40) Benzene	8.252	78	486425	48.991	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29703	44.607	ug/l	91
42) 1,2-Dichloroethane	8.322	62	115016	48.166	ug/l	95
43) Isopropyl Acetate	8.357	43	109444	46.813	ug/l	95
44) Trichloroethene	9.028	130	109113	48.110	ug/l	88
45) 1,2-Dichloropropane	9.304	63	118527	49.028	ug/l	98
46) Dibromomethane	9.393	93	63852	46.569	ug/l	90
47) Bromodichloromethane	9.581	83	160632	47.874	ug/l	92
48) Methyl methacrylate	9.381	41	53215	50.446	ug/l	87
49) 1,4-Dioxane	9.381	88	12966	922.831	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	301039	247.434	ug/l	98
52) Toluene	10.328	92	305206	50.492	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	147275	48.603	ug/l	98
54) cis-1,3-Dichloropropene	10.010	75	178816	49.183	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	84215	47.620	ug/l	92
56) Ethyl methacrylate	10.593	69	106048	45.054	ug/l	95
57) 1,3-Dichloropropane	10.875	76	148759	49.200	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	252083	234.258	ug/l	89
59) 2-Hexanone	10.916	43	220447	255.149	ug/l	100
60) Dibromochloromethane	11.069	129	105224	47.137	ug/l	96
61) 1,2-Dibromoethane	11.175	107	79390	48.966	ug/l	98
64) Tetrachloroethene	10.810	164	89005	49.521	ug/l	91
65) Chlorobenzene	11.604	112	318077	49.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	103562	47.421	ug/l	98
67) Ethyl Benzene	11.681	91	568032	50.734	ug/l	97
68) m/p-Xylenes	11.793	106	440380	101.974	ug/l	87
69) o-Xylene	12.122	106	197724	50.966	ug/l	83
70) Styrene	12.134	104	354386	51.222	ug/l	94
71) Bromoform	12.293	173	55877	47.179	ug/l #	96
73) Isopropylbenzene	12.416	105	527158	52.780	ug/l	97
74) N-amyl acetate	12.234	43	109121	49.777	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	99410	47.746	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	72610m	54.484	ug/l	
77) Bromobenzene	12.698	156	110791	49.311	ug/l	76
78) n-propylbenzene	12.757	91	674414	52.744	ug/l	93
79) 2-Chlorotoluene	12.845	91	368664	51.572	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	441626	52.225	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	35772	49.368	ug/l	98
82) 4-Chlorotoluene	12.945	91	383921	51.118	ug/l	91
83) tert-Butylbenzene	13.163	119	363746	53.101	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	446551	52.758	ug/l	95
85) sec-Butylbenzene	13.340	105	579991	53.213	ug/l	94
86) p-Isopropyltoluene	13.457	119	473741	52.660	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	232834	48.735	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	231359	48.726	ug/l	96
89) n-Butylbenzene	13.787	91	465447	52.726	ug/l	97
90) Hexachloroethane	14.051	117	97398	49.222	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	198929	48.385	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13028	45.642	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	112505	51.321	ug/l	95
94) Hexachlorobutadiene	15.198	225	60031	49.245	ug/l	99
95) Naphthalene	15.328	128	228556	53.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	99562	51.362	ug/l	97

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

