

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079344.D
 Acq On : 08 Jul 2024 15:49
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 08 16:54:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 16:50:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	194852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	347918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	332318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110292	48.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.060%		
35) Dibromofluoromethane	7.805	113	118221	48.165	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.340%		
50) Toluene-d8	10.269	98	478961	50.621	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.240%		
62) 4-Bromofluorobenzene	12.569	95	147045	50.002	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	83688	46.323	ug/l	97
3) Chloromethane	2.146	50	115002	47.542	ug/l	97
4) Vinyl Chloride	2.276	62	122224	49.163	ug/l	100
5) Bromomethane	2.681	94	80826	50.952	ug/l	95
6) Chloroethane	2.823	64	65385	49.085	ug/l	100
7) Trichlorofluoromethane	3.164	101	172589	47.511	ug/l	94
8) Diethyl Ether	3.587	74	56550	48.730	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.958	101	109524	48.068	ug/l	97
10) Methyl Iodide	4.152	142	132720	52.807	ug/l	99
11) Tert butyl alcohol	5.052	59	32259	220.082	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	110580	48.868	ug/l	98
13) Acrolein	3.793	56	39173	215.569	ug/l	98
14) Allyl chloride	4.552	41	142280	49.342	ug/l	85
15) Acrylonitrile	5.252	53	134670	251.938	ug/l	95
16) Acetone	4.017	43	109664	251.108	ug/l	96
17) Carbon Disulfide	4.264	76	349290	48.859	ug/l	99
18) Methyl Acetate	4.552	43	64711	47.356	ug/l #	88
19) Methyl tert-butyl Ether	5.311	73	256769	51.059	ug/l	97
20) Methylene Chloride	4.793	84	169124	49.085	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	124482	49.522	ug/l	90
22) Diisopropyl ether	6.211	45	338374	52.402	ug/l	95
23) Vinyl Acetate	6.152	43	1307471	264.585	ug/l	93
24) 1,1-Dichloroethane	6.099	63	215649	49.531	ug/l	97
25) 2-Butanone	7.081	43	154863	249.647	ug/l	97
26) 2,2-Dichloropropane	7.069	77	172894	47.414	ug/l	99
27) cis-1,2-Dichloroethene	7.069	96	147709	50.335	ug/l	91
28) Bromochloromethane	7.422	49	89899	48.987	ug/l #	78
29) Tetrahydrofuran	7.440	42	96933	256.370	ug/l	86
30) Chloroform	7.593	83	227694	49.817	ug/l	99
31) Cyclohexane	7.875	56	163568	47.104	ug/l	91
32) 1,1,1-Trichloroethane	7.787	97	183634	48.061	ug/l	99
36) 1,1-Dichloropropene	8.005	75	155705	49.936	ug/l	96
37) Ethyl Acetate	7.163	43	68911	51.034	ug/l	97
38) Carbon Tetrachloride	7.987	117	161121	49.090	ug/l	97
39) Methylcyclohexane	9.269	83	185318	50.969	ug/l	91
40) Benzene	8.246	78	501390	50.227	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	38279	48.825	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	120358	49.873	ug/l	97
43) Isopropyl Acetate	8.358	43	126158	51.126	ug/l	95
44) Trichloroethene	9.022	130	116827	49.094	ug/l	92
45) 1,2-Dichloropropane	9.305	63	124679	51.165	ug/l	99
46) Dibromomethane	9.393	93	72017	50.403	ug/l	93
47) Bromodichloromethane	9.581	83	176567	50.543	ug/l	99
48) Methyl methacrylate	9.381	41	59246	48.852	ug/l	85
49) 1,4-Dioxane	9.381	88	16658	1029.500	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	345889	261.788	ug/l	98
52) Toluene	10.334	92	317193	51.615	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	162262	51.272	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	192614	50.952	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	97933	51.058	ug/l	93
56) Ethyl methacrylate	10.593	69	123945	47.909	ug/l	97
57) 1,3-Dichloropropane	10.875	76	160678	51.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	289842	254.532	ug/l	90
59) 2-Hexanone	10.922	43	251283	266.185	ug/l	99
60) Dibromochloromethane	11.069	129	121933	49.525	ug/l	97
61) 1,2-Dibromoethane	11.175	107	91148	50.399	ug/l	98
64) Tetrachloroethene	10.810	164	95337	48.939	ug/l	95
65) Chlorobenzene	11.604	112	343759	49.283	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	119091	50.604	ug/l	96
67) Ethyl Benzene	11.681	91	604659	51.926	ug/l	96
68) m/p-Xylenes	11.793	106	475004	105.639	ug/l	90
69) o-Xylene	12.122	106	217672	51.735	ug/l	86
70) Styrene	12.134	104	399129	53.161	ug/l	96
71) Bromoform	12.299	173	69915	51.277	ug/l #	98
73) Isopropylbenzene	12.416	105	559777	52.027	ug/l	97
74) N-amyl acetate	12.234	43	128325	53.071	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	113768	50.048	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	85327m	53.064	ug/l	
77) Bromobenzene	12.698	156	129860	51.007	ug/l	83
78) n-propylbenzene	12.763	91	699986	52.197	ug/l	95
79) 2-Chlorotoluene	12.846	91	402253	52.300	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	479643	52.594	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	42837	52.149	ug/l	97
82) 4-Chlorotoluene	12.946	91	426998	52.168	ug/l	93
83) tert-Butylbenzene	13.163	119	393027	51.608	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	489255	52.888	ug/l	95
85) sec-Butylbenzene	13.340	105	605613	51.884	ug/l	96
86) p-Isopropyltoluene	13.457	119	510277	52.788	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	272475	50.752	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	267044	49.418	ug/l	96
89) n-Butylbenzene	13.787	91	488824	52.018	ug/l	97
90) Hexachloroethane	14.051	117	105360	49.336	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	241759	50.762	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15614	48.904	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	133165	49.757	ug/l	98
94) Hexachlorobutadiene	15.198	225	67799	47.767	ug/l	96
95) Naphthalene	15.328	128	278017	52.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	120302	50.321	ug/l	98

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

