

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079468.D
 Acq On : 30 Jul 2024 19:33
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC50EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

Quant Time: Jul 31 01:57:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	216696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	354163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	338491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	179583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	117023	53.158	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.320%			
35) Dibromofluoromethane	7.804	113	128509	53.609	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.220%			
50) Toluene-d8	10.269	98	501797	53.905	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.800%			
62) 4-Bromofluorobenzene	12.569	95	147248	54.661	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	82519	48.601	ug/l	98
3) Chloromethane	2.146	50	155699	49.769	ug/l	99
4) Vinyl Chloride	2.281	62	190815	51.299	ug/l	100
5) Bromomethane	2.687	94	117279	49.950	ug/l	96
6) Chloroethane	2.828	64	115400	48.280	ug/l	96
7) Trichlorofluoromethane	3.169	101	186835	50.507	ug/l	98
8) Diethyl Ether	3.593	74	59565	53.305	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.957	101	116245	49.685	ug/l	98
10) Methyl Iodide	4.157	142	151817	53.036	ug/l	99
11) Tert butyl alcohol	5.051	59	28097	281.596	ug/l	98
12) 1,1-Dichloroethene	3.934	96	120615	51.515	ug/l	93
13) Acrolein	3.793	56	42859	272.239	ug/l	99
14) Allyl chloride	4.557	41	158351	51.217	ug/l	88
15) Acrylonitrile	5.246	53	139309	266.793	ug/l	99
16) Acetone	4.016	43	102496	239.572	ug/l	98
17) Carbon Disulfide	4.269	76	398261	51.531	ug/l	100
18) Methyl Acetate	4.557	43	66133	49.787	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	270288	56.555	ug/l	96
20) Methylene Chloride	4.799	84	184781	60.735	ug/l	91
21) trans-1,2-Dichloroethene	5.304	96	143468	54.545	ug/l	91
22) Diisopropyl ether	6.210	45	382353	55.582	ug/l #	92
23) Vinyl Acetate	6.151	43	1462263	282.773	ug/l	93
24) 1,1-Dichloroethane	6.110	63	247269	53.638	ug/l	97
25) 2-Butanone	7.075	43	156282	257.661	ug/l	98
26) 2,2-Dichloropropane	7.069	77	187812	50.367	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	166514	55.385	ug/l	92
28) Bromochloromethane	7.422	49	106945	52.903	ug/l #	78
29) Tetrahydrofuran	7.440	42	104727	278.609	ug/l #	83
30) Chloroform	7.592	83	259739	55.638	ug/l	99
31) Cyclohexane	7.875	56	179410	49.071	ug/l	89
32) 1,1,1-Trichloroethane	7.792	97	207408	53.841	ug/l	98
36) 1,1-Dichloropropene	8.004	75	176053	53.808	ug/l	98
37) Ethyl Acetate	7.169	43	75526	56.301	ug/l	97
38) Carbon Tetrachloride	7.987	117	192215	55.885	ug/l	96
39) Methylcyclohexane	9.275	83	204295	52.332	ug/l	95
40) Benzene	8.251	78	580382	55.849	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	35414	47.994	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	138916	56.097	ug/l	97
43) Isopropyl Acetate	8.363	43	137169	54.407	ug/l	95
44) Trichloroethene	9.028	130	142437	55.061	ug/l	99
45) 1,2-Dichloropropane	9.304	63	144880	57.288	ug/l	100
46) Dibromomethane	9.392	93	81138	57.874	ug/l	99
47) Bromodichloromethane	9.581	83	201621	58.568	ug/l	97
48) Methyl methacrylate	9.381	41	66312	58.772	ug/l	87
49) 1,4-Dioxane	9.387	88	15059	1036.603	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	377079	292.950	ug/l	95
52) Toluene	10.334	92	370974	57.721	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	178006	55.993	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	217028	56.755	ug/l	98
55) 1,1,2-Trichloroethane	10.733	97	107926	58.438	ug/l	96
56) Ethyl methacrylate	10.598	69	133937	61.207	ug/l	94
57) 1,3-Dichloropropane	10.875	76	181372	57.793	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	321883	318.957	ug/l	92
59) 2-Hexanone	10.922	43	261540	291.341	ug/l	98
60) Dibromochloromethane	11.069	129	142867	59.217	ug/l	100
61) 1,2-Dibromoethane	11.175	107	101695	58.777	ug/l	95
64) Tetrachloroethene	10.804	164	124666	54.619	ug/l	95
65) Chlorobenzene	11.604	112	420748	56.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	144061	58.416	ug/l	98
67) Ethyl Benzene	11.681	91	701728	57.188	ug/l	100
68) m/p-Xylenes	11.792	106	559701	114.971	ug/l	94
69) o-Xylene	12.122	106	259652	58.190	ug/l	93
70) Styrene	12.133	104	468929	59.942	ug/l	97
71) Bromoform	12.298	173	80860	58.000	ug/l #	97
73) Isopropylbenzene	12.416	105	659438	49.099	ug/l	100
74) N-amyl acetate	12.228	43	143816	54.448	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	124935	53.552	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	74054m	47.176	ug/l	
77) Bromobenzene	12.698	156	163378	54.257	ug/l	94
78) n-propylbenzene	12.757	91	813087	54.165	ug/l	98
79) 2-Chlorotoluene	12.845	91	455931	54.546	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	557640	55.744	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	43811	53.232	ug/l	99
82) 4-Chlorotoluene	12.945	91	481411	55.248	ug/l	97
83) tert-Butylbenzene	13.163	119	480831	49.649	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	572178	50.781	ug/l	100
85) sec-Butylbenzene	13.339	105	720090	54.119	ug/l	100
86) p-Isopropyltoluene	13.457	119	623113	49.528	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	337497	54.108	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	332490	54.219	ug/l	99
89) n-Butylbenzene	13.786	91	563740	48.602	ug/l	98
90) Hexachloroethane	14.051	117	127668	54.858	ug/l	97
91) 1,2-Dichlorobenzene	13.827	146	296666	55.651	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17398	56.047	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	183000	54.485	ug/l	98
94) Hexachlorobutadiene	15.198	225	99818	55.064	ug/l	94
95) Naphthalene	15.327	128	331897	57.093	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	162268	54.922	ug/l	98

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

