

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079701.D
 Acq On : 09 Aug 2024 18:55
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 10 02:15:40 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	214135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	410678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	370679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	187135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93956	43.190	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.380%		
35) Dibromofluoromethane	7.805	113	94256	33.909	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	67.820%		
50) Toluene-d8	10.269	98	366856	33.986	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	67.980%		
62) 4-Bromofluorobenzene	12.569	95	109524	35.062	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	70.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	62026	36.969	ug/l	99
3) Chloromethane	2.146	50	132604	42.894	ug/l	92
4) Vinyl Chloride	2.275	62	157015	42.717	ug/l	99
5) Bromomethane	2.681	94	104018	44.547	ug/l	99
6) Chloroethane	2.828	64	112834	47.771	ug/l	91
7) Trichlorofluoromethane	3.170	101	150558	41.187	ug/l	96
8) Diethyl Ether	3.587	74	51796	46.907	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.964	101	89179	38.572	ug/l	94
10) Methyl Iodide	4.158	142	101730	37.312	ug/l	94
11) Tert butyl alcohol	5.064	59	30662	307.653	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	91296	39.459	ug/l	92
13) Acrolein	3.805	56	17773	109.470	ug/l	98
14) Allyl chloride	4.558	41	140295	45.920	ug/l #	84
15) Acrylonitrile	5.246	53	130844	253.579	ug/l	98
16) Acetone	4.022	43	89176	210.931	ug/l	99
17) Carbon Disulfide	4.264	76	279781	36.634	ug/l	97
18) Methyl Acetate	4.558	43	68635	52.289	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	229510	48.597	ug/l	98
20) Methylene Chloride	4.799	84	134160	40.767	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	104244	40.107	ug/l #	83
22) Diisopropyl ether	6.211	45	334874	49.262	ug/l #	90
23) Vinyl Acetate	6.152	43	1282211	250.920	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	201756	44.289	ug/l	94
25) 2-Butanone	7.081	43	142748	238.162	ug/l	89
26) 2,2-Dichloropropane	7.069	77	145732	39.550	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	128276	43.177	ug/l	90
28) Bromochloromethane	7.428	49	104481	52.302	ug/l #	64
29) Tetrahydrofuran	7.446	42	99213	267.097	ug/l #	80
30) Chloroform	7.599	83	199946	43.342	ug/l	95
31) Cyclohexane	7.875	56	146935	40.669	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	158929	41.750	ug/l	97
36) 1,1-Dichloropropene	8.010	75	136468	35.970	ug/l	94
37) Ethyl Acetate	7.163	43	71825	46.174	ug/l #	93
38) Carbon Tetrachloride	7.987	117	141813	35.557	ug/l	97
39) Methylcyclohexane	9.275	83	154499	34.130	ug/l	93
40) Benzene	8.252	78	451119	37.437	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	37232	43.514	ug/l	88
42) 1,2-Dichloroethane	8.322	62	112879	39.310	ug/l	95
43) Isopropyl Acetate	8.358	43	126119	43.140	ug/l #	92
44) Trichloroethene	9.028	130	102185	34.065	ug/l	93
45) 1,2-Dichloropropane	9.305	63	116857	39.849	ug/l	96
46) Dibromomethane	9.393	93	62704	38.570	ug/l	88
47) Bromodichloromethane	9.581	83	153027	38.335	ug/l	97
48) Methyl methacrylate	9.381	41	59630	45.577	ug/l	82
49) 1,4-Dioxane	9.387	88	13381	794.340	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	344128	230.559	ug/l	93
52) Toluene	10.334	92	278268	37.338	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	142430	38.637	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	169105	38.137	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	83947	39.199	ug/l	96
56) Ethyl methacrylate	10.599	69	107750	42.464	ug/l #	88
57) 1,3-Dichloropropane	10.875	76	148406	40.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	259133	221.441	ug/l	89
59) 2-Hexanone	10.922	43	234972	225.726	ug/l	95
60) Dibromochloromethane	11.075	129	101386	36.241	ug/l	94
61) 1,2-Dibromoethane	11.181	107	75741	37.752	ug/l	99
64) Tetrachloroethene	10.804	164	79680	31.878	ug/l	94
65) Chlorobenzene	11.604	112	301675	36.753	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	100048	37.046	ug/l	97
67) Ethyl Benzene	11.681	91	512710	38.155	ug/l	100
68) m/p-Xylenes	11.793	106	400694	75.162	ug/l	91
69) o-Xylene	12.122	106	187936	38.460	ug/l	90
70) Styrene	12.134	104	343104	40.050	ug/l	97
71) Bromoform	12.293	173	56466	36.985	ug/l #	99
73) Isopropylbenzene	12.416	105	480953	35.453	ug/l	99
74) N-amyl acetate	12.234	43	124608	45.272	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	101099	41.586	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	74828m	45.746	ug/l	
77) Bromobenzene	12.698	156	112395	35.819	ug/l	83
78) n-propylbenzene	12.763	91	593293	37.928	ug/l	96
79) 2-Chlorotoluene	12.846	91	335073	38.469	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	408176	39.156	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	36440	42.489	ug/l	98
82) 4-Chlorotoluene	12.945	91	354945	39.090	ug/l	94
83) tert-Butylbenzene	13.163	119	337441	34.622	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	412647	36.200	ug/l	98
85) sec-Butylbenzene	13.345	105	521148	37.587	ug/l	98
86) p-Isopropyltoluene	13.457	119	433883	34.385	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	229083	35.245	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	228546	35.765	ug/l	96
89) n-Butylbenzene	13.787	91	408153	34.923	ug/l	98
90) Hexachloroethane	14.051	117	88033	36.301	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	208056	37.454	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	13979	43.215	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	118010	33.718	ug/l	95
94) Hexachlorobutadiene	15.198	225	57451	30.414	ug/l	96
95) Naphthalene	15.328	128	253461	41.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	106050	34.446	ug/l	100

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

