

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072224\
 Data File : VD079391.D
 Acq On : 22 Jul 2024 15:19
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/23/2024

Quant Time: Jul 23 10:15:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 09:57:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	329222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	311715	135.722	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 271.440%#			
35) Dibromofluoromethane	7.805	113	343430	137.987	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 275.980%#			
50) Toluene-d8	10.269	98	1406099	149.350	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 298.700%#			
62) 4-Bromofluorobenzene	12.569	95	442016	153.509	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 307.020%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	226977	146.687	ug/l	95
3) Chloromethane	2.146	50	232554	125.618	ug/l	99
4) Vinyl Chloride	2.275	62	242192	153.360	ug/l	98
5) Bromomethane	2.658	94	187040	149.784	ug/l	98
6) Chloroethane	2.817	64	120549	117.602	ug/l	96
7) Trichlorofluoromethane	3.164	101	462701	128.100	ug/l	99
8) Diethyl Ether	3.587	74	156982	134.314	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	313147	125.985	ug/l	95
10) Methyl Iodide	4.152	142	438796	162.634	ug/l	98
11) Tert butyl alcohol	5.064	59	96196	673.259	ug/l #	83
12) 1,1-Dichloroethene	3.928	96	318792	135.299	ug/l	94
13) Acrolein	3.793	56	53337	750.426	ug/l	98
15) Acrylonitrile	5.252	53	403825	713.594	ug/l	97
16) Acetone	4.022	43	228197	738.112	ug/l	92
17) Carbon Disulfide	4.258	76	846370	123.366	ug/l	97
19) Methyl tert-butyl Ether	5.311	73	795112	149.187	ug/l	99
20) Methylene Chloride	4.793	84	436444	149.030	ug/l	98
21) trans-1,2-Dichloroethene	5.305	96	364921	138.135	ug/l	89
22) Diisopropyl ether	6.216	45	968968	138.843	ug/l	95
23) Vinyl Acetate	6.152	43	3841981	710.709	ug/l	95
24) 1,1-Dichloroethane	6.111	63	639848	133.117	ug/l	96
25) 2-Butanone	7.075	43	466806	676.157	ug/l	95
26) 2,2-Dichloropropane	7.069	77	531206	132.545	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	442834	145.089	ug/l	91
28) Bromochloromethane	7.422	49	253873	129.998	ug/l #	76
29) Tetrahydrofuran	7.446	42	294719	704.910	ug/l	86
30) Chloroform	7.593	83	661529	132.047	ug/l	99
31) Cyclohexane	7.875	56	485204	131.518	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	548926	133.504	ug/l	100
36) 1,1-Dichloropropene	8.005	75	463317	138.564	ug/l	97
37) Ethyl Acetate	7.169	43	201070	138.558	ug/l	98
38) Carbon Tetrachloride	7.987	117	476746	135.151	ug/l	97
39) Methylcyclohexane	9.269	83	578285	150.569	ug/l	92
40) Benzene	8.246	78	1471938	139.906	ug/l	95
41) Methacrylonitrile	7.393	41	118025	143.756	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	349646	133.333	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.358	43	382956	143.646	ug/l	95
44) Trichloroethene	9.028	130	349274	137.508	ug/l	93
45) 1,2-Dichloropropane	9.305	63	363271	138.513	ug/l	97
46) Dibromomethane	9.387	93	202826	132.130	ug/l	93
47) Bromodichloromethane	9.581	83	509476	134.690	ug/l	98
48) Methyl methacrylate	9.375	41	178355	147.964	ug/l	89
49) 1,4-Dioxane	9.381	88	48708	2920.028	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	1017404	706.126	ug/l	98
52) Toluene	10.328	92	953615	144.832	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	491723	143.617	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	569873	142.368	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	277526	135.693	ug/l	95
56) Ethyl methacrylate	10.593	69	380753	154.751	ug/l	97
57) 1,3-Dichloropropane	10.875	76	471707	139.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	849743	775.322	ug/l	91
59) 2-Hexanone	10.916	43	730163	715.446	ug/l	98
60) Dibromochloromethane	11.069	129	360904	137.406	ug/l	98
61) 1,2-Dibromoethane	11.175	107	263754	139.143	ug/l	97
64) Tetrachloroethene	10.804	164	285093	137.087	ug/l	92
65) Chlorobenzene	11.604	112	1026188	141.909	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	356258	145.052	ug/l	97
67) Ethyl Benzene	11.681	91	1893022	157.972	ug/l	97
68) m/p-Xylenes	11.787	106	1471094	316.444	ug/l	91
69) o-Xylene	12.116	106	692042	160.199	ug/l	88
70) Styrene	12.134	104	1227983	160.077	ug/l	97
71) Bromoform	12.298	173	207701	143.775	ug/l #	100
73) Isopropylbenzene	12.416	105	1772625	153.528	ug/l	98
74) N-amyl acetate	12.228	43	379289	144.472	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	334318	131.923	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	241170m	136.884	ug/l	
77) Bromobenzene	12.698	156	400965	142.956	ug/l	84
78) n-propylbenzene	12.757	91	2186870	150.596	ug/l	96
79) 2-Chlorotoluene	12.846	91	1231705	148.697	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	1484639	153.314	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	122534	139.378	ug/l	98
82) 4-Chlorotoluene	12.946	91	1267996	143.407	ug/l	94
83) tert-Butylbenzene	13.163	119	1295786	157.259	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	1542199	156.932	ug/l	97
85) sec-Butylbenzene	13.340	105	1958950	152.381	ug/l	97
86) p-Isopropyltoluene	13.457	119	1673526	158.855	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	834254	142.644	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	805398	137.792	ug/l	97
89) n-Butylbenzene	13.781	91	1583789	153.813	ug/l	96
90) Hexachloroethane	14.051	117	329881	139.547	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	724862	143.231	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	46938	133.717	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	441092	151.707	ug/l	98
94) Hexachlorobutadiene	15.198	225	227497	140.032	ug/l	95
95) Naphthalene	15.328	128	942722	161.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	385034	145.865	ug/l	99

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