

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077787.D
 Acq On : 08 Dec 2023 11:54
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 08 13:36:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	177710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	291319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	272554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	145155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	309131	147.623	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 295.240%#			
35) Dibromofluoromethane	7.810	113	319017	156.336	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 312.680%#			
50) Toluene-d8	10.269	98	1312498	160.593	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 321.180%#			
62) 4-Bromofluorobenzene	12.575	95	389848	159.547	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 319.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	295393	133.067	ug/l	100
3) Chloromethane	2.152	50	411026	135.838	ug/l	99
4) Vinyl Chloride	2.287	62	574616	139.885	ug/l	98
5) Bromomethane	2.687	94	374529	162.487	ug/l	98
6) Chloroethane	2.840	64	389055	138.921	ug/l	100
7) Trichlorofluoromethane	3.175	101	530100	140.118	ug/l	97
8) Diethyl Ether	3.593	74	159250	149.905	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.970	101	307754	142.193	ug/l	98
10) Methyl Iodide	4.169	142	319934	152.662	ug/l #	90
11) Tert butyl alcohol	5.064	59	74847	765.466	ug/l	98
12) 1,1-Dichloroethene	3.940	96	315698	147.789	ug/l	86
13) Acrolein	3.799	56	157760	712.194	ug/l	100
14) Allyl chloride	4.564	41	437246	148.829	ug/l #	90
15) Acrylonitrile	5.252	53	340698	749.037	ug/l	98
16) Acetone	4.022	43	316160	763.393	ug/l #	82
17) Carbon Disulfide	4.275	76	1004867	139.045	ug/l	97
18) Methyl Acetate	4.564	43	247936	150.339	ug/l	88
19) Methyl tert-butyl Ether	5.316	73	710846	156.846	ug/l	97
20) Methylene Chloride	4.805	84	349035	150.477	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	354711	146.604	ug/l	90
22) Diisopropyl ether	6.222	45	944162	153.786	ug/l	95
23) Vinyl Acetate	6.158	43	2340265	780.574	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	594606	143.015	ug/l	96
25) 2-Butanone	7.081	43	419937	760.182	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	517746	148.319	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	398094	152.909	ug/l	90
28) Bromochloromethane	7.428	49	247705	147.442	ug/l #	78
29) Tetrahydrofuran	7.446	42	254268	762.517	ug/l #	85
30) Chloroform	7.599	83	595330	143.071	ug/l	99
31) Cyclohexane	7.881	56	509597	136.817	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	536683	146.306	ug/l	99
36) 1,1-Dichloropropene	8.010	75	489449	149.952	ug/l	96
37) Ethyl Acetate	7.169	43	174641	137.219	ug/l #	93
38) Carbon Tetrachloride	7.993	117	492144	151.242	ug/l	97
39) Methylcyclohexane	9.275	83	607255	156.934	ug/l	92
40) Benzene	8.252	78	1408064	151.992	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	98267	151.910	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	359183	149.575	ug/l	94
43) Isopropyl Acetate	8.363	43	353673	156.325	ug/l #	90
44) Trichloroethene	9.028	130	365317	151.321	ug/l	94
45) 1,2-Dichloropropane	9.305	63	346017	153.645	ug/l	98
46) Dibromomethane	9.399	93	182297	152.986	ug/l	97
47) Bromodichloromethane	9.587	83	457726	151.551	ug/l	99
48) Methyl methacrylate	9.381	41	208598	162.198	ug/l #	77
49) 1,4-Dioxane	9.387	88	35584	3007.401	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	909964	788.086	ug/l	90
52) Toluene	10.334	92	916812	159.542	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	470262	162.139	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	547914	156.250	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	249594	153.133	ug/l	95
56) Ethyl methacrylate	10.599	69	231183	160.900	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	435247	154.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	662708	808.790	ug/l	93
59) 2-Hexanone	10.922	43	661043	690.059	ug/l	89
60) Dibromochloromethane	11.075	129	314007	160.013	ug/l	96
61) 1,2-Dibromoethane	11.181	107	237025	154.485	ug/l	100
64) Tetrachloroethene	10.810	164	310920	155.208	ug/l	94
65) Chlorobenzene	11.610	112	951124	151.818	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	361206	159.369	ug/l	96
67) Ethyl Benzene	11.687	91	1838216	161.997	ug/l	98
68) m/p-Xylenes	11.793	106	1422055	327.633	ug/l	91
69) o-Xylene	12.122	106	663231	165.801	ug/l	93
70) Styrene	12.134	104	983961	165.425	ug/l	95
71) Bromoform	12.298	173	180110	152.089	ug/l #	99
73) Isopropylbenzene	12.422	105	1718850	156.238	ug/l	96
74) N-amyl acetate	12.234	43	338244	156.408	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	280716	146.340	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	166821m	132.326	ug/l	
77) Bromobenzene	12.704	156	395796	152.954	ug/l	93
78) n-propylbenzene	12.763	91	2056432	153.400	ug/l	97
79) 2-Chlorotoluene	12.851	91	1098294	152.876	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	1430253	155.875	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	96496	155.081	ug/l	95
82) 4-Chlorotoluene	12.951	91	1144632	152.403	ug/l	96
83) tert-Butylbenzene	13.169	119	1230503	158.849	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	1493741	162.764	ug/l	97
85) sec-Butylbenzene	13.345	105	1799438	157.152	ug/l	97
86) p-Isopropyltoluene	13.463	119	1699235	165.751	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	833829	157.570	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	782676	151.436	ug/l	99
89) n-Butylbenzene	13.787	91	1525128	158.102	ug/l	99
90) Hexachloroethane	14.057	117	298796	158.482	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	677156	150.461	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	41648	151.879	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	470457	153.037	ug/l	99
94) Hexachlorobutadiene	15.204	225	268034	161.690	ug/l	98
95) Naphthalene	15.334	128	854064	167.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	397271	156.755	ug/l	98

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

