

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080224.D
 Acq On : 03 Feb 2025 12:42
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 04 05:34:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:30:02 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	141977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	256601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	290163	157.113	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 314.220%#			
35) Dibromofluoromethane	7.810	113	245443	134.962	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 269.920%#			
50) Toluene-d8	10.269	98	926189	137.332	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 274.660%#			
62) 4-Bromofluorobenzene	12.575	95	330097	152.544	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 305.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	211536	156.601	ug/l	100
3) Chloromethane	2.152	50	410099	138.663	ug/l	100
4) Vinyl Chloride	2.281	62	519575	145.216	ug/l	98
5) Bromomethane	2.669	94	364126	151.597	ug/l	99
6) Chloroethane	2.828	64	342999	143.930	ug/l	95
7) Trichlorofluoromethane	3.169	101	423949	142.981	ug/l	100
8) Diethyl Ether	3.593	74	138601	170.868	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	240755	140.271	ug/l	99
10) Methyl Iodide	4.163	142	286814	150.330	ug/l	98
11) Tert butyl alcohol	5.069	59	79091	775.275	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	250517	154.084	ug/l	97
13) Acrolein	3.799	56	161460	839.390	ug/l	98
14) Allyl chloride	4.563	41	425481	169.814	ug/l	98
15) Acrylonitrile	5.258	53	321564	825.127	ug/l	99
16) Acetone	4.028	43	215038	722.471	ug/l	91
17) Carbon Disulfide	4.269	76	846261	144.319	ug/l	100
18) Methyl Acetate	4.569	43	165786	165.076	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	660907	184.640	ug/l	98
20) Methylene Chloride	4.805	84	289967	143.561	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	298146	161.416	ug/l	96
22) Diisopropyl ether	6.222	45	885898	169.895	ug/l	98
23) Vinyl Acetate	6.157	43	2682586	891.099	ug/l	100
24) 1,1-Dichloroethane	6.116	63	519419	151.956	ug/l	98
25) 2-Butanone	7.087	43	419323	908.281	ug/l	99
26) 2,2-Dichloropropane	7.081	77	467037	157.530	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	359280	172.178	ug/l	98
28) Bromochloromethane	7.434	49	227782	146.026	ug/l #	97
29) Tetrahydrofuran	7.452	42	266705	882.022	ug/l	99
30) Chloroform	7.599	83	520936	149.063	ug/l	97
31) Cyclohexane	7.881	56	417180	152.459	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	431747	147.666	ug/l	98
36) 1,1-Dichloropropene	8.010	75	360068	138.233	ug/l	99
37) Ethyl Acetate	7.175	43	198701	155.564	ug/l	99
38) Carbon Tetrachloride	7.993	117	358375	131.718	ug/l	96
39) Methylcyclohexane	9.275	83	440784	155.759	ug/l	99
40) Benzene	8.251	78	1265353	154.978	ug/l	99

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41) Methacrylonitrile	7.399	41	107714	152.980	ug/l	95
42) 1,2-Dichloroethane	8.328	62	341308	146.899	ug/l	98
43) Isopropyl Acetate	8.363	43	383324	169.098	ug/l	98
44) Trichloroethene	9.028	130	271200	143.783	ug/l	97
45) 1,2-Dichloropropane	9.304	63	276212	134.498	ug/l	98
46) Dibromomethane	9.393	93	148381	129.686	ug/l	98
47) Bromodichloromethane	9.587	83	380202	131.771	ug/l	97
48) Methyl methacrylate	9.381	41	160837	153.323	ug/l	93
49) 1,4-Dioxane	9.387	88	35837	2879.205	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	850296	741.799	ug/l	98
52) Toluene	10.334	92	691478	144.790	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	367509	149.415	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	427061	142.738	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	207665	139.685	ug/l	95
56) Ethyl methacrylate	10.598	69	277178	163.400	ug/l	100
57) 1,3-Dichloropropane	10.881	76	369015	150.071	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	560691	774.430	ug/l	98
59) 2-Hexanone	10.922	43	633650	842.421	ug/l	100
60) Dibromochloromethane	11.075	129	267844	146.167	ug/l	97
61) 1,2-Dibromoethane	11.181	107	203070	149.984	ug/l	98
64) Tetrachloroethene	10.810	164	227587	148.374	ug/l	100
65) Chlorobenzene	11.604	112	758273	150.656	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	276514	157.044	ug/l	97
67) Ethyl Benzene	11.687	91	1483961	177.240	ug/l	99
68) m/p-Xylenes	11.792	106	1228363	377.910	ug/l	98
69) o-Xylene	12.122	106	574507	193.825	ug/l	98
70) Styrene	12.134	104	1017681	192.886	ug/l	100
71) Bromoform	12.298	173	173637	167.288	ug/l #	97
73) Isopropylbenzene	12.422	105	1429028	188.162	ug/l	99
74) N-amyl acetate	12.234	43	386829	193.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	246479	155.963	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	172872m	152.214	ug/l	
77) Bromobenzene	12.698	156	322107	164.425	ug/l	99
78) n-propylbenzene	12.763	91	1641879	169.799	ug/l	100
79) 2-Chlorotoluene	12.851	91	899200	163.690	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	1076221	169.444	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	98230	176.857	ug/l	98
82) 4-Chlorotoluene	12.945	91	938983	160.848	ug/l	100
83) tert-Butylbenzene	13.163	119	920741	177.322	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1109644	171.641	ug/l	100
85) sec-Butylbenzene	13.345	105	1353251	170.452	ug/l	100
86) p-Isopropyltoluene	13.457	119	1201930	177.299	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	624688	161.900	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	590540	151.216	ug/l	99
89) n-Butylbenzene	13.786	91	1131823	171.811	ug/l	99
90) Hexachloroethane	14.051	117	227001	150.667	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	526400	154.829	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	36891	146.722	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	397415	183.377	ug/l	99
94) Hexachlorobutadiene	15.204	225	210389	179.248	ug/l	98
95) Naphthalene	15.328	128	795921	150.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	369034	188.687	ug/l	100

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

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