

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077313.D
 Acq On : 11 Oct 2023 18:33
 Operator : JC/SY
 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 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

Quant Time: Oct 12 08:59:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	261154	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	480314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	446121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	200694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	312228	149.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 298.860%#	
35) Dibromofluoromethane	7.804	113	382837	150.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 300.080%#	
50) Toluene-d8	10.269	98	1324157	157.842	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 315.680%#	
62) 4-Bromofluorobenzene	12.575	95	430157	152.669	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 305.340%#	
						Qvalue
2) Dichlorodifluoromethane	1.928	85	358741	147.877	ug/l	96
3) Chloromethane	2.146	50	547779	142.589	ug/l	99
4) Vinyl Chloride	2.281	62	567066	135.301	ug/l	97
5) Bromomethane	2.669	94	458509	155.560	ug/l	98
6) Chloroethane	2.828	64	385977	139.507	ug/l	100
7) Trichlorofluoromethane	3.169	101	569692	131.437	ug/l	99
8) Diethyl Ether	3.587	74	216041	143.012	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	483702	155.004	ug/l	96
10) Methyl Iodide	4.158	142	668568	173.436	ug/l	92
11) Tert butyl alcohol	5.057	59	123317	779.775	ug/l	99
12) 1,1-Dichloroethene	3.934	96	492087	163.308	ug/l	88
13) Acrolein	3.799	56	219423	1189.855	ug/l	100
14) Allyl chloride	4.558	41	695398	167.828	ug/l	# 90
15) Acrylonitrile	5.252	53	603967	812.200	ug/l	99
16) Acetone	4.022	43	469264	725.759	ug/l	90
17) Carbon Disulfide	4.269	76	1511691	166.241	ug/l	97
18) Methyl Acetate	4.558	43	419352	163.163	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	1144618	170.203	ug/l	97
20) Methylene Chloride	4.799	84	612163	152.106	ug/l	# 87
21) trans-1,2-Dichloroethene	5.310	96	576865	160.328	ug/l	92
22) Diisopropyl ether	6.216	45	1528341	162.842	ug/l	95
23) Vinyl Acetate	6.152	43	3736585	849.526	ug/l	# 92
24) 1,1-Dichloroethane	6.110	63	984112	157.689	ug/l	98
25) 2-Butanone	7.081	43	687663	798.363	ug/l	89
26) 2,2-Dichloropropane	7.075	77	804894	160.395	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	656549	163.012	ug/l	93
28) Bromochloromethane	7.428	49	390859	158.233	ug/l	# 77
29) Tetrahydrofuran	7.446	42	428234	833.339	ug/l	87
30) Chloroform	7.593	83	990077	154.821	ug/l	96
31) Cyclohexane	7.875	56	779215	157.034	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	815071	158.947	ug/l	99
36) 1,1-Dichloropropene	8.004	75	730583	157.945	ug/l	97
37) Ethyl Acetate	7.169	43	305769	157.566	ug/l	# 91
38) Carbon Tetrachloride	7.987	117	661917	157.750	ug/l	97
39) Methylcyclohexane	9.275	83	892485	171.208	ug/l	93
40) Benzene	8.251	78	2235574	156.650	ug/l	99

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41) Methacrylonitrile	7.399	41	151330	144.376	ug/l	# 91
42) 1,2-Dichloroethane	8.328	62	502838	146.589	ug/l	98
43) Isopropyl Acetate	8.357	43	559575	162.718	ug/l	91
44) Trichloroethene	9.028	130	544582	155.725	ug/l	85
45) 1,2-Dichloropropane	9.304	63	560226	152.636	ug/l	97
46) Dibromomethane	9.393	93	294290	152.971	ug/l	88
47) Bromodichloromethane	9.587	83	716959	152.003	ug/l	99
48) Methyl methacrylate	9.381	41	262676	165.812	ug/l	83
49) 1,4-Dioxane	9.387	88	59119	2940.090	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	1430575	795.935	ug/l	93
52) Toluene	10.334	92	1388909	159.467	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	724427	163.803	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	883386	161.068	ug/l	# 94
55) 1,1,2-Trichloroethane	10.734	97	401564	153.575	ug/l	95
56) Ethyl methacrylate	10.598	69	508313	148.607	ug/l	91
57) 1,3-Dichloropropane	10.881	76	699239	154.863	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	1287237	748.418	ug/l	92
59) 2-Hexanone	10.922	43	1013964	797.705	ug/l	91
60) Dibromochloromethane	11.075	129	451987	151.347	ug/l	95
61) 1,2-Dibromoethane	11.181	107	369968	155.008	ug/l	100
64) Tetrachloroethene	10.810	164	425938	149.555	ug/l	89
65) Chlorobenzene	11.610	112	1413962	152.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	502792	153.638	ug/l	97
67) Ethyl Benzene	11.687	91	2711678	163.780	ug/l	98
68) m/p-Xylenes	11.792	106	2060668	323.386	ug/l	90
69) o-Xylene	12.122	106	971636	164.739	ug/l	90
70) Styrene	12.134	104	1674014	163.801	ug/l	97
71) Bromoform	12.298	173	251705	151.536	ug/l	# 97
73) Isopropylbenzene	12.422	105	2514144	169.618	ug/l	95
74) N-amyl acetate	12.234	43	505723	162.261	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	445244	149.688	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	307843m	139.614	ug/l	
77) Bromobenzene	12.704	156	528966	155.989	ug/l	83
78) n-propylbenzene	12.763	91	3096836	164.776	ug/l	94
79) 2-Chlorotoluene	12.851	91	1658899	163.720	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	2063707	167.086	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	150517	162.760	ug/l	96
82) 4-Chlorotoluene	12.951	91	1699001	158.712	ug/l	94
83) tert-Butylbenzene	13.169	119	1766211	171.193	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	2092843	169.158	ug/l	95
85) sec-Butylbenzene	13.345	105	2705733	168.175	ug/l	95
86) p-Isopropyltoluene	13.463	119	2305360	174.407	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	1126827	158.443	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	1079130	153.615	ug/l	98
89) n-Butylbenzene	13.786	91	2200242	170.251	ug/l	98
90) Hexachloroethane	14.051	117	420266	161.254	ug/l	85
91) 1,2-Dichlorobenzene	13.833	146	957904	155.858	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	60907	156.463	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	601205	162.179	ug/l	97
94) Hexachlorobutadiene	15.210	225	298449	161.042	ug/l	99
95) Naphthalene	15.333	128	1257723	174.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	526885	160.838	ug/l	99

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

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