

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066520.D
 Acq On : 02 Sep 2020 13:37
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 4:57:20 PM

Quant Time: Sep 02 14:09:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 14:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	171777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	237025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	214195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	112102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	276777	149.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.64%	
35) Dibromofluoromethane	7.91	113	214616	150.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.10%	
50) Toluene-d8	10.34	98	786812	146.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.98%	
62) 4-Bromofluorobenzene	12.63	95	276377	144.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	186122	127.009	ug/l	92
3) Chloromethane	2.21	50	119738	135.916	ug/l	97
4) Vinyl Chloride	2.35	62	147366	137.170	ug/l	93
5) Bromomethane	2.74	94	124841	142.181	ug/l	100
6) Chloroethane	2.91	64	101534	140.476	ug/l	90
7) Trichlorofluoromethane	3.27	101	456419	139.372	ug/l	96
8) Diethyl Ether	3.70	74	90806	147.946	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	191500	140.417	ug/l	96
10) Methyl Iodide	4.30	142	249477	164.972	ug/l	99
11) Tert butyl alcohol	5.23	59	67523	501.713	ug/l	95
12) 1,1-Dichloroethene	4.06	96	185073	144.404	ug/l	94
13) Acrolein	3.92	56	42524	708.676	ug/l	95
14) Allyl chloride	4.71	41	217339	151.710	ug/l	100
15) Acrylonitrile	5.41	53	167256	759.887	ug/l	95
16) Acetone	4.15	43	183553	671.839	ug/l	94
17) Carbon Disulfide	4.41	76	529231	142.894	ug/l #	95
18) Methyl Acetate	4.71	43	66556	151.568	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	505856	151.269	ug/l	97
20) Methylene Chloride	4.96	84	191918	120.366	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	211391	144.201	ug/l	93
22) Diisopropyl ether	6.36	45	418138	145.631	ug/l	99
23) Vinyl Acetate	6.30	43	1395398	755.939	ug/l	98
24) 1,1-Dichloroethane	6.26	63	324390	143.850	ug/l	97
25) 2-Butanone	7.21	43	202968	717.761	ug/l	97
26) 2,2-Dichloropropane	7.21	77	398613	139.504	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	234351	147.415	ug/l	97
28) Bromochloromethane	7.54	49	99838	153.032	ug/l #	97
29) Tetrahydrofuran	7.56	42	112268	772.308	ug/l	97
30) Chloroform	7.71	83	415487	142.690	ug/l	99
31) Cyclohexane	7.98	56	246604	126.571	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	459075	141.563	ug/l	99
36) 1,1-Dichloropropene	8.11	75	295898	142.412	ug/l	98
37) Ethyl Acetate	7.29	43	89558	143.594	ug/l	97
38) Carbon Tetrachloride	8.09	117	443738	140.192	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	338730	139.539	ug/l	96
40) Benzene	8.34	78	763430	142.436	ug/l	98
41) Methacrylonitrile	7.52	41	46362m	130.559	ug/l	
42) 1,2-Dichloroethane	8.42	62	330725	145.858	ug/l	98
43) Isopropyl Acetate	8.45	43	197179	150.921	ug/l	99
44) Trichloroethene	9.11	130	258187	139.563	ug/l	89
45) 1,2-Dichloropropane	9.38	63	154137	144.939	ug/l	97
46) Dibromomethane	9.47	93	113220	145.421	ug/l	96
47) Bromodichloromethane	9.66	83	330915	143.006	ug/l	99
48) Methyl methacrylate	9.45	41	101247	152.065	ug/l	94
49) 1,4-Dioxane	9.46	88	23894	2624.282	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	442336	736.292	ug/l	100
52) Toluene	10.40	92	540874	141.871	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	317411	150.137	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	323375	145.191	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	141283	143.610	ug/l	96
56) Ethyl methacrylate	10.66	69	173541	149.888	ug/l	99
57) 1,3-Dichloropropane	10.94	76	242121	149.027	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.94	63	309125	683.971	ug/l	99
59) 2-Hexanone	10.98	43	317445	731.635	ug/l	99
60) Dibromochloromethane	11.14	129	236562	145.414	ug/l	99
61) 1,2-Dibromoethane	11.25	107	144934	144.527	ug/l	100
64) Tetrachloroethene	10.87	164	238211	142.641	ug/l	99
65) Chlorobenzene	11.67	112	596556	141.562	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	257889	144.638	ug/l	99
67) Ethyl Benzene	11.74	91	1078260	145.254	ug/l	95
68) m/p-Xylenes	11.85	106	829832	288.925	ug/l	97
69) o-Xylene	12.18	106	385698	141.769	ug/l	99
70) Styrene	12.20	104	667993	143.414	ug/l	99
71) Bromoform	12.36	173	149162	152.522	ug/l #	95
73) Isopropylbenzene	12.48	105	1081795	144.419	ug/l	100
74) N-amyl acetate	12.29	43	174811	154.771	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	125926	142.264	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	122018m	172.331	ug/l	
77) Bromobenzene	12.76	156	274099	144.196	ug/l	100
78) n-propylbenzene	12.82	91	1178528	144.382	ug/l	98
79) 2-Chlorotoluene	12.91	91	686728	145.405	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	949080	145.732	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	47863	151.145	ug/l	95
82) 4-Chlorotoluene	13.01	91	729736	143.851	ug/l	100
83) tert-Butylbenzene	13.23	119	805860	141.079	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	938427	144.075	ug/l	98
85) sec-Butylbenzene	13.40	105	1038489	143.509	ug/l	98
86) p-Isopropyltoluene	13.52	119	1048539	144.969	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	514162	145.841	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	515354	144.498	ug/l	99
89) n-Butylbenzene	13.85	91	859782	141.917	ug/l	99
90) Hexachloroethane	14.11	117	189676	146.134	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	450591	146.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	33311	142.298	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	355030	146.685	ug/l	98
94) Hexachlorobutadiene	15.27	225	226256	144.205	ug/l	99
95) Naphthalene	15.41	128	579889	154.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	307485	147.025	ug/l	99

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

