

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066805.D
 Acq On : 22 Sep 2020 12:11
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:04:59 PM

Quant Time: Sep 22 13:03:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 22 12:44:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	425337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	669652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	201762	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	7.91	113	212447	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.34	98	748786	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.63	95	246639	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	144901	41.239	ug/l	100
3) Chloromethane	2.21	50	175996	39.139	ug/l	100
4) Vinyl Chloride	2.35	62	181447	38.830	ug/l	100
5) Bromomethane	2.77	94	127809	38.659	ug/l	100
6) Chloroethane	2.92	64	112831	39.071	ug/l	100
7) Trichlorofluoromethane	3.27	101	371688	44.935	ug/l	100
8) Diethyl Ether	3.71	74	103340	49.412	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	215285	47.092	ug/l	100
10) Methyl Iodide	4.30	142	210098	49.174	ug/l	100
11) Tert butyl alcohol	5.21	59	65809	145.699	ug/l	100
12) 1,1-Dichloroethene	4.07	96	207964	49.047	ug/l	100
13) Acrolein	3.93	56	75685	238.395	ug/l	100
14) Allyl chloride	4.71	41	311004	46.334	ug/l	100
15) Acrylonitrile	5.43	53	230662	251.130	ug/l	100
16) Acetone	4.16	43	234676	252.082	ug/l	100
17) Carbon Disulfide	4.41	76	629098	47.591	ug/l	100
18) Methyl Acetate	4.71	43	103923	46.598	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	477227	50.675	ug/l	100
20) Methylene Chloride	4.97	84	248399	39.935	ug/l	100
21) trans-1,2-Dichloroethene	5.48	96	240406	48.833	ug/l	100
22) Diisopropyl ether	6.36	45	662443	48.480	ug/l	100
23) Vinyl Acetate	6.30	43	1802600	239.466	ug/l	100
24) 1,1-Dichloroethane	6.27	63	421016	48.142	ug/l	100
25) 2-Butanone	7.21	43	276251	233.118	ug/l	100
26) 2,2-Dichloropropane	7.21	77	370278	45.951	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	269271	50.009	ug/l	100
28) Bromochloromethane	7.55	49	181287	54.021	ug/l	100
29) Tetrahydrofuran	7.56	42	179842	247.372	ug/l	100
30) Chloroform	7.71	83	445276	47.912	ug/l	100
31) Cyclohexane	7.98	56	358209	45.340	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	406884	47.856	ug/l	100
36) 1,1-Dichloropropene	8.11	75	334623	48.781	ug/l	100
37) Ethyl Acetate	7.29	43	130948	50.474	ug/l	100
38) Carbon Tetrachloride	8.09	117	359533	49.235	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	396519	50.549	ug/l	100
40) Benzene	8.35	78	944719	50.639	ug/l	100
41) Methacrylonitrile	7.54	41	76176m	54.339	ug/l	
42) 1,2-Dichloroethane	8.42	62	274027	47.871	ug/l	100
43) Isopropyl Acetate	8.45	43	244616	49.981	ug/l	100
44) Trichloroethene	9.11	130	261886	52.077	ug/l	100
45) 1,2-Dichloropropane	9.38	63	238077	51.403	ug/l	100
46) Dibromomethane	9.47	93	133294	52.256	ug/l	100
47) Bromodichloromethane	9.66	83	343715	49.840	ug/l	100
48) Methyl methacrylate	9.45	41	119254	48.690	ug/l	100
49) 1,4-Dioxane	9.46	88	30804	1125.347	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	637937	253.378	ug/l	100
52) Toluene	10.40	92	616288	51.547	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	309229	50.368	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	370838	50.847	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	175111	51.817	ug/l	100
56) Ethyl methacrylate	10.66	69	206827	54.640	ug/l	100
57) 1,3-Dichloropropane	10.94	76	295544	50.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	434752	257.979	ug/l	100
59) 2-Hexanone	10.98	43	441528	260.963	ug/l	100
60) Dibromochloromethane	11.14	129	231018	52.781	ug/l	100
61) 1,2-Dibromoethane	11.24	107	168231	52.181	ug/l	100
64) Tetrachloroethene	10.87	164	213091	50.832	ug/l	100
65) Chlorobenzene	11.67	112	628884	49.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	242121	51.667	ug/l	100
67) Ethyl Benzene	11.74	91	1157919	50.910	ug/l	100
68) m/p-Xylenes	11.85	106	876383	101.675	ug/l	100
69) o-Xylene	12.18	106	400618	52.437	ug/l	100
70) Styrene	12.20	104	704687	52.535	ug/l	100
71) Bromoform	12.36	173	125138	53.041	ug/l	100
73) Isopropylbenzene	12.48	105	1096613	51.752	ug/l	100
74) N-amyl acetate	12.29	43	221696	49.806	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	183121	50.299	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	120303m	49.044	ug/l	
77) Bromobenzene	12.76	156	250820	50.870	ug/l	100
78) n-propylbenzene	12.82	91	1306369	50.695	ug/l	100
79) 2-Chlorotoluene	12.91	91	720838	49.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	917003	51.255	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52392	46.968	ug/l	100
82) 4-Chlorotoluene	13.01	91	768318	49.744	ug/l	100
83) tert-Butylbenzene	13.23	119	757349	51.240	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	910991	50.925	ug/l	100
85) sec-Butylbenzene	13.40	105	1078653	51.011	ug/l	100
86) p-Isopropyltoluene	13.52	119	986549	51.353	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	481896	51.159	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	469627	50.021	ug/l	100
89) n-Butylbenzene	13.84	91	931021	51.160	ug/l	100
90) Hexachloroethane	14.11	117	189038	48.121	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	410112	50.776	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29225	50.182	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	264712	54.148	ug/l	100
94) Hexachlorobutadiene	15.27	225	157026	53.235	ug/l	100
95) Naphthalene	15.41	128	493426	57.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	236608	54.960	ug/l	100

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

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