

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062128.D
 Acq On : 26 Jun 2020 9:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:26 PM

Quant Time: Jun 27 03:59:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	448102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	167906	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	7.54	113	141976	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.06	98	550017	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.37	95	189317	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	128820	42.580	ug/l	100
3) Chloromethane	2.03	50	157937	44.187	ug/l	99
4) Vinyl Chloride	2.16	62	194626	40.850	ug/l	100
5) Bromomethane	2.52	94	133911	43.489	ug/l	97
6) Chloroethane	2.66	64	135097	41.510	ug/l	98
7) Trichlorofluoromethane	2.98	101	255982	43.604	ug/l	99
8) Diethyl Ether	3.37	74	94724	46.208	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	133973	43.579	ug/l	96
10) Methyl Iodide	3.91	142	166957	48.222	ug/l	100
11) Tert butyl alcohol	4.73	59	117004	216.958	ug/l	99
12) 1,1-Dichloroethene	3.69	96	132556	43.131	ug/l	98
13) Acrolein	3.56	56	121639	230.377	ug/l	99
14) Allyl chloride	4.27	41	183126	43.765	ug/l	99
15) Acrylonitrile	4.92	53	313540	213.352	ug/l	99
16) Acetone	3.77	43	276358	234.146	ug/l	100
17) Carbon Disulfide	4.00	76	363788	41.335	ug/l	99
18) Methyl Acetate	4.27	43	123959	41.515	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	462399	47.085	ug/l	99
20) Methylene Chloride	4.49	84	159133	46.134	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	147580	42.152	ug/l	96
22) Diisopropyl ether	5.90	45	412976	43.347	ug/l	98
23) Vinyl Acetate	5.84	43	1748686	224.812	ug/l	99
24) 1,1-Dichloroethane	5.79	63	258065	42.064	ug/l	99
25) 2-Butanone	6.78	43	385475	209.961	ug/l	97
26) 2,2-Dichloropropane	6.77	77	226148	44.235	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	171792	43.606	ug/l	97
28) Bromochloromethane	7.15	49	110521	41.520	ug/l	94
29) Tetrahydrofuran	7.16	42	250648	208.418	ug/l	98
30) Chloroform	7.32	83	269222	43.131	ug/l	99
31) Cyclohexane	7.61	56	215431	41.514	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	233224	44.306	ug/l	98
36) 1,1-Dichloropropene	7.75	75	199215	44.230	ug/l	99
37) Ethyl Acetate	6.87	43	161702	43.356	ug/l	99
38) Carbon Tetrachloride	7.73	117	195787	46.107	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	230120	46.630	ug/l	98
40) Benzene	8.00	78	616170	44.883	ug/l	96
41) Methacrylonitrile	7.13	41	74389m	43.022	ug/l	
42) 1,2-Dichloroethane	8.08	62	208401	44.931	ug/l	99
43) Isopropyl Acetate	8.12	43	279532	45.976	ug/l #	89
44) Trichloroethene	8.80	130	157896	45.595	ug/l	97
45) 1,2-Dichloropropane	9.08	63	153378	45.286	ug/l	100
46) Dibromomethane	9.17	93	108045	47.052	ug/l	97
47) Bromodichloromethane	9.37	83	216018	46.590	ug/l	97
48) Methyl methacrylate	9.17	41	125076	45.881	ug/l	97
49) 1,4-Dioxane	9.16	88	57937	958.368	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	821098	231.150	ug/l	100
52) Toluene	10.12	92	396643	47.353	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	247661	48.551	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	269557	49.635	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	157281	47.767	ug/l	99
56) Ethyl methacrylate	10.40	69	222677	50.675	ug/l	98
57) 1,3-Dichloropropane	10.68	76	267526	47.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	438996	235.639	ug/l	98
59) 2-Hexanone	10.72	43	592519	230.996	ug/l	97
60) Dibromochloromethane	10.87	129	175621	50.379	ug/l	98
61) 1,2-Dibromoethane	10.98	107	163118	48.213	ug/l	99
64) Tetrachloroethene	10.60	164	135817	47.690	ug/l	96
65) Chlorobenzene	11.40	112	426454	46.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	154631	48.843	ug/l	99
67) Ethyl Benzene	11.48	91	755165	48.839	ug/l	99
68) m/p-Xylenes	11.59	106	591546	98.910	ug/l	99
69) o-Xylene	11.92	106	285373	50.573	ug/l	98
70) Styrene	11.94	104	478095	50.803	ug/l	100
71) Bromoform	12.10	173	115749	51.423	ug/l #	98
73) Isopropylbenzene	12.22	105	741965	46.607	ug/l	100
74) N-amyl acetate	12.04	43	251923	43.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221738	41.856	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	194644m	40.205	ug/l	
77) Bromobenzene	12.50	156	181293	45.870	ug/l	96
78) n-propylbenzene	12.56	91	849415	46.647	ug/l	99
79) 2-Chlorotoluene	12.65	91	496167	45.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	617353	47.838	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	74526	44.955	ug/l	99
82) 4-Chlorotoluene	12.75	91	518643	45.559	ug/l	99
83) tert-Butylbenzene	12.97	119	518006	46.902	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	613866	47.627	ug/l	99
85) sec-Butylbenzene	13.15	105	697946	47.825	ug/l	99
86) p-Isopropyltoluene	13.26	119	637320	49.846	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	326885	47.100	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	329667	46.081	ug/l	99
89) n-Butylbenzene	13.59	91	522004	49.107	ug/l	99
90) Hexachloroethane	13.85	117	113133	45.099	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	314500	46.731	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	37495	44.182	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	152758	51.958	ug/l	100
94) Hexachlorobutadiene	14.98	225	61503	48.165	ug/l	99
95) Naphthalene	15.10	128	435016	44.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	152743	50.809	ug/l	99

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

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