

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061556.D
 Acq On : 29 May 2020 10:26
 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
 6/1/2020 12:29:44 PM

Quant Time: May 30 06:22:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	369955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	621915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	591625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	300183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	224619	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.54	113	166205	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.06	98	762397	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.37	95	279102	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	213364	49.952	ug/l	97
3) Chloromethane	2.03	50	231724	51.354	ug/l	98
4) Vinyl Chloride	2.16	62	329511	53.289	ug/l	99
5) Bromomethane	2.53	94	193277	54.473	ug/l	99
6) Chloroethane	2.67	64	210342	52.849	ug/l	99
7) Trichlorofluoromethane	2.98	101	380090	47.668	ug/l	100
8) Diethyl Ether	3.37	74	118082	48.430	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	179917	50.847	ug/l	98
10) Methyl Iodide	3.91	142	240302	48.922	ug/l	100
11) Tert butyl alcohol	4.72	59	157242	268.200	ug/l	100
12) 1,1-Dichloroethene	3.69	96	181125	47.913	ug/l	98
13) Acrolein	3.56	56	47299	282.476	ug/l	99
14) Allyl chloride	4.27	41	248436	50.269	ug/l	99
15) Acrylonitrile	4.92	53	406525	248.420	ug/l	99
16) Acetone	3.77	43	320858	264.488	ug/l	100
17) Carbon Disulfide	4.00	76	405127	48.711	ug/l	98
18) Methyl Acetate	4.27	43	191086	47.889	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	641870	49.820	ug/l	97
20) Methylene Chloride	4.50	84	209154	52.285	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	212184	49.771	ug/l	97
22) Diisopropyl ether	5.90	45	565859	51.949	ug/l	98
23) Vinyl Acetate	5.84	43	2192098	252.495	ug/l	99
24) 1,1-Dichloroethane	5.79	63	352654	51.056	ug/l	100
25) 2-Butanone	6.78	43	512630	245.398	ug/l	99
26) 2,2-Dichloropropane	6.77	77	336999	53.306	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	248527	51.482	ug/l	98
28) Bromochloromethane	7.15	49	149702	57.954	ug/l	98
29) Tetrahydrofuran	7.16	42	335134	243.291	ug/l	99
30) Chloroform	7.33	83	397461	52.013	ug/l	98
31) Cyclohexane	7.61	56	317535	51.116	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	362808	52.105	ug/l	100
36) 1,1-Dichloropropene	7.75	75	290375	52.742	ug/l	99
37) Ethyl Acetate	6.88	43	221152	49.872	ug/l	99
38) Carbon Tetrachloride	7.73	117	293051	55.183	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	369095	54.391	ug/l	97
40) Benzene	8.00	78	875915	51.563	ug/l	99
41) Methacrylonitrile	7.12	41	103686	51.035	ug/l	89
42) 1,2-Dichloroethane	8.08	62	294780	51.833	ug/l	99
43) Isopropyl Acetate	8.12	43	396676	49.722	ug/l	100
44) Trichloroethene	8.80	130	268437	51.419	ug/l	98
45) 1,2-Dichloropropane	9.08	63	209393	51.911	ug/l	99
46) Dibromomethane	9.17	93	158114	51.110	ug/l	98
47) Bromodichloromethane	9.37	83	323360	52.758	ug/l	100
48) Methyl methacrylate	9.17	41	174037	48.487	ug/l	99
49) 1,4-Dioxane	9.16	88	65208	1172.684	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1128772	251.075	ug/l	100
52) Toluene	10.12	92	589353	53.156	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	346997	52.554	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	373866	52.662	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	228405	51.708	ug/l	96
56) Ethyl methacrylate	10.40	69	325019	52.673	ug/l	99
57) 1,3-Dichloropropane	10.68	76	364681	51.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	734498	278.543	ug/l	100
59) 2-Hexanone	10.72	43	806121	249.671	ug/l	100
60) Dibromochloromethane	10.87	129	267570	53.282	ug/l	99
61) 1,2-Dibromoethane	10.98	107	243806	52.921	ug/l	99
64) Tetrachloroethene	10.60	164	287948	51.705	ug/l	99
65) Chlorobenzene	11.40	112	646199	52.546	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	238999	52.194	ug/l	99
67) Ethyl Benzene	11.48	91	1136350	53.462	ug/l	100
68) m/p-Xylenes	11.59	106	906272	107.534	ug/l	99
69) o-Xylene	11.92	106	427904	53.456	ug/l	99
70) Styrene	11.94	104	726981	54.841	ug/l	99
71) Bromoform	12.10	173	182511	51.726	ug/l #	100
73) Isopropylbenzene	12.22	105	1138689	51.973	ug/l	99
74) N-amyl acetate	12.04	43	346962	50.286	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	294813	48.017	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	269467m	49.367	ug/l	
77) Bromobenzene	12.50	156	286142	51.165	ug/l	100
78) n-propylbenzene	12.56	91	1295085	52.949	ug/l	99
79) 2-Chlorotoluene	12.65	91	751797	51.547	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	965507	52.725	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	105495	49.424	ug/l	96
82) 4-Chlorotoluene	12.75	91	790345	51.511	ug/l	100
83) tert-Butylbenzene	12.97	119	836161	51.680	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	973374	53.505	ug/l	98
85) sec-Butylbenzene	13.15	105	1107668	53.128	ug/l	99
86) p-Isopropyltoluene	13.26	119	1037356	54.029	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	524913	53.004	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	522842	51.824	ug/l	100
89) n-Butylbenzene	13.59	91	876475	54.501	ug/l	100
90) Hexachloroethane	13.85	117	124270	58.525	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	496777	52.490	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	57774	46.140	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	291057	52.585	ug/l	99
94) Hexachlorobutadiene	14.98	225	123718	52.409	ug/l	99
95) Naphthalene	15.10	128	857202	50.881	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	276715	50.848	ug/l	99

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

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