

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061246.D
 Acq On : 2 May 2020 00:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:58:07 PM

Quant Time: May 04 07:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	91585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	163250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	154479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	71411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	78793	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.54	113	46413	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.06	98	192199	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.37	95	71821	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42860	44.132	ug/l	100
3) Chloromethane	2.03	50	74989	63.754	ug/l	100
4) Vinyl Chloride	2.16	62	69252	51.837	ug/l	99
5) Bromomethane	2.53	94	33128	50.165	ug/l	100
6) Chloroethane	2.67	64	46208	54.569	ug/l	97
7) Trichlorofluoromethane	2.98	101	78846	52.311	ug/l	99
8) Diethyl Ether	3.37	74	42942	68.304	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47012	48.415	ug/l	99
10) Methyl Iodide	3.91	142	66091	52.962	ug/l	98
11) Tert butyl alcohol	4.72	59	56762	292.398	ug/l	100
12) 1,1-Dichloroethene	3.69	96	48473	50.164	ug/l	98
13) Acrolein	3.56	56	37184	287.432	ug/l	97
14) Allyl chloride	4.27	41	118784	66.297	ug/l	94
15) Acrylonitrile	4.92	53	193060	323.972	ug/l	99
16) Acetone	3.77	43	167855	300.614	ug/l	96
17) Carbon Disulfide	4.01	76	124341	46.583	ug/l	100
18) Methyl Acetate	4.27	43	103174	56.314	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	226597	61.370	ug/l	99
20) Methylene Chloride	4.50	84	68507	60.626	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	57769	54.903	ug/l	98
22) Diisopropyl ether	5.90	45	269307	64.819	ug/l	99
23) Vinyl Acetate	5.84	43	1080985	323.131	ug/l	99
24) 1,1-Dichloroethane	5.79	63	126266	58.166	ug/l	100
25) 2-Butanone	6.78	43	260443	303.719	ug/l	100
26) 2,2-Dichloropropane	6.77	77	81491	44.569	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	71920	58.245	ug/l	97
28) Bromochloromethane	7.15	49	66259	64.397	ug/l	94
29) Tetrahydrofuran	7.16	42	180253	312.051	ug/l	97
30) Chloroform	7.32	83	124810	56.735	ug/l	97
31) Cyclohexane	7.61	56	90830	43.085	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	95090	49.639	ug/l	99
36) 1,1-Dichloropropene	7.75	75	79170	48.445	ug/l	100
37) Ethyl Acetate	6.87	43	115263	60.163	ug/l	100
38) Carbon Tetrachloride	7.73	117	66440	44.809	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	82246	44.877	ug/l	97
40) Benzene	8.00	78	264760	54.380	ug/l	100
41) Methacrylonitrile	7.12	41	47411m	59.603	ug/l	
42) 1,2-Dichloroethane	8.08	62	108706	58.937	ug/l	100
43) Isopropyl Acetate	8.12	43	189656	59.649	ug/l	99
44) Trichloroethene	8.80	130	62681	47.624	ug/l	98
45) 1,2-Dichloropropane	9.08	63	76721	58.983	ug/l	99
46) Dibromomethane	9.17	93	48437	60.143	ug/l	99
47) Bromodichloromethane	9.37	83	101539	58.739	ug/l	99
48) Methyl methacrylate	9.16	41	87326	60.864	ug/l	99
49) 1,4-Dioxane	9.16	88	19533	1199.338	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	572086	305.678	ug/l	100
52) Toluene	10.12	92	155796	53.126	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	110083	56.517	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	118237	57.418	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67822	57.981	ug/l	100
56) Ethyl methacrylate	10.40	69	111285	54.346	ug/l	97
57) 1,3-Dichloropropane	10.68	76	123661	60.144	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	290625	306.947	ug/l	99
59) 2-Hexanone	10.72	43	408294	299.869	ug/l	100
60) Dibromochloromethane	10.87	129	70446	57.502	ug/l	100
61) 1,2-Dibromoethane	10.98	107	68538	58.459	ug/l	100
64) Tetrachloroethene	10.60	164	59021	44.113	ug/l	98
65) Chlorobenzene	11.40	112	159563	52.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	61607	56.172	ug/l	98
67) Ethyl Benzene	11.48	91	291053	50.738	ug/l	99
68) m/p-Xylenes	11.59	106	214422	102.120	ug/l	99
69) o-Xylene	11.92	106	103140	51.138	ug/l	97
70) Styrene	11.94	104	182141	53.957	ug/l	99
71) Bromoform	12.10	173	47220	58.581	ug/l #	99
73) Isopropylbenzene	12.22	105	268299	51.107	ug/l	99
74) N-amyl acetate	12.04	43	162817	61.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	100539	61.419	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	86955m	57.757	ug/l	
77) Bromobenzene	12.50	156	67338	55.565	ug/l	97
78) n-propylbenzene	12.56	91	322936	51.862	ug/l	100
79) 2-Chlorotoluene	12.65	91	194654	53.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232877	53.596	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33608	56.689	ug/l	100
82) 4-Chlorotoluene	12.75	91	207603	53.818	ug/l	98
83) tert-Butylbenzene	12.97	119	182920	49.927	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	236531	52.838	ug/l	100
85) sec-Butylbenzene	13.15	105	252798	50.609	ug/l	99
86) p-Isopropyltoluene	13.26	119	229284	50.947	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118481	53.107	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	118642	52.048	ug/l	99
89) n-Butylbenzene	13.59	91	212602	51.530	ug/l	100
90) Hexachloroethane	13.85	117	26402	55.291	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	117363	54.865	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19933	57.656	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	68614	52.674	ug/l	100
94) Hexachlorobutadiene	14.99	225	27696	50.893	ug/l	99
95) Naphthalene	15.10	128	225311	53.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	68844	53.530	ug/l	100

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

