

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062308.D
 Acq On : 1 Jul 2020 21:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:39:03 PM

Quant Time: Jul 02 07:55:48 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	7.63	168	213540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	372226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	164959	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.55	113	126533	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.06	98	512991	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.38	95	176999	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	110765	45.890	ug/l	96
3) Chloromethane	2.03	50	150232	52.947	ug/l	98
4) Vinyl Chloride	2.16	62	176964	46.556	ug/l	100
5) Bromomethane	2.52	94	110694	45.059	ug/l	99
6) Chloroethane	2.66	64	124393	47.907	ug/l	99
7) Trichlorofluoromethane	2.98	101	219542	46.873	ug/l	99
8) Diethyl Ether	3.37	74	90109	55.096	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	121853	49.681	ug/l	96
10) Methyl Iodide	3.91	142	145521	52.682	ug/l	99
11) Tert butyl alcohol	4.74	59	124295	288.885	ug/l	100
12) 1,1-Dichloroethene	3.69	96	123964	50.557	ug/l	95
13) Acrolein	3.56	56	105073	249.433	ug/l	98
14) Allyl chloride	4.27	41	186911	55.990	ug/l	98
15) Acrylonitrile	4.93	53	352026	300.244	ug/l	99
16) Acetone	3.77	43	270958	288.691	ug/l	98
17) Carbon Disulfide	4.00	76	342364	48.750	ug/l	100
18) Methyl Acetate	4.28	43	143884	60.400	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	441793	56.387	ug/l	97
20) Methylene Chloride	4.50	84	155401	56.518	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	137667	49.285	ug/l	95
22) Diisopropyl ether	5.90	45	449236	59.102	ug/l	98
23) Vinyl Acetate	5.84	43	1846432	297.534	ug/l	98
24) 1,1-Dichloroethane	5.79	63	266279	54.403	ug/l	99
25) 2-Butanone	6.79	43	435565	297.367	ug/l	97
26) 2,2-Dichloropropane	6.77	77	182633	44.777	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	164762	52.419	ug/l	99
28) Bromochloromethane	7.15	49	114254	53.800	ug/l	90
29) Tetrahydrofuran	7.17	42	291880	304.208	ug/l	98
30) Chloroform	7.33	83	267382	53.692	ug/l	99
31) Cyclohexane	7.61	56	215287	51.999	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	219741	52.323	ug/l	97
36) 1,1-Dichloropropene	7.75	75	194700	49.239	ug/l	98
37) Ethyl Acetate	6.88	43	187523	57.272	ug/l	98
38) Carbon Tetrachloride	7.73	117	177762	47.684	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	214458	49.500	ug/l	98
40) Benzene	8.00	78	614464	50.984	ug/l	99
41) Methacrylonitrile	7.14	41	90984m	59.938	ug/l	
42) 1,2-Dichloroethane	8.09	62	211483	51.936	ug/l	99
43) Isopropyl Acetate	8.13	43	306676	57.456	ug/l #	90
44) Trichloroethene	8.80	130	142729	46.947	ug/l	95
45) 1,2-Dichloropropane	9.09	63	162579	54.679	ug/l	100
46) Dibromomethane	9.18	93	103404	51.294	ug/l	96
47) Bromodichloromethane	9.37	83	215613	52.970	ug/l	98
48) Methyl methacrylate	9.17	41	145579	60.830	ug/l	93
49) 1,4-Dioxane	9.17	88	58120	1095.102	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	945109	303.063	ug/l	98
52) Toluene	10.12	92	382596	52.028	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	232844	51.995	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	251009	52.648	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	154017	53.281	ug/l	98
56) Ethyl methacrylate	10.40	69	227876	59.071	ug/l	98
57) 1,3-Dichloropropane	10.68	76	266013	53.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	420972	255.904	ug/l	96
59) 2-Hexanone	10.72	43	695898	309.030	ug/l	100
60) Dibromochloromethane	10.87	129	157505	51.466	ug/l	100
61) 1,2-Dibromoethane	10.98	107	152598	51.377	ug/l	100
64) Tetrachloroethene	10.60	164	113593	44.675	ug/l	97
65) Chlorobenzene	11.40	112	399558	48.881	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	141894	50.201	ug/l	98
67) Ethyl Benzene	11.48	91	724239	52.462	ug/l	100
68) m/p-Xylenes	11.59	106	554404	103.829	ug/l	97
69) o-Xylene	11.92	106	263452	52.293	ug/l	95
70) Styrene	11.94	104	454743	54.123	ug/l	98
71) Bromoform	12.10	173	100728	50.122	ug/l #	99
73) Isopropylbenzene	12.22	105	707182	51.331	ug/l	99
74) N-amyl acetate	12.05	43	273282	53.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	240014	52.353	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	214437m	51.182	ug/l	
77) Bromobenzene	12.50	156	159614	46.666	ug/l	91
78) n-propylbenzene	12.57	91	828111	52.550	ug/l	99
79) 2-Chlorotoluene	12.65	91	487076	51.127	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	593334	53.127	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	75538	52.653	ug/l	97
82) 4-Chlorotoluene	12.75	91	510661	51.835	ug/l	97
83) tert-Butylbenzene	12.97	119	479418	50.160	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	588579	52.768	ug/l	99
85) sec-Butylbenzene	13.15	105	674152	53.379	ug/l	98
86) p-Isopropyltoluene	13.26	119	587544	53.100	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	297493	49.532	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	297197	48.004	ug/l	99
89) n-Butylbenzene	13.59	91	487859	53.033	ug/l	99
90) Hexachloroethane	13.85	117	112266	51.714	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	291031	49.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	40288	54.857	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	122104	47.991	ug/l	99
94) Hexachlorobutadiene	14.98	225	50903	46.064	ug/l	99
95) Naphthalene	15.10	128	371945	44.336	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	126247	48.527	ug/l	99

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

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