

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062447.D
 Acq On : 9 Jul 2020 10:20
 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
 7/10/2020 9:23:36 AM

Quant Time: Jul 10 05:02:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	269956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	462282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	186695	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
35) Dibromofluoromethane	7.54	113	131413	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	10.06	98	523114	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	12.37	95	196669	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123945	45.075	ug/l	96
3) Chloromethane	2.03	50	175013	39.666	ug/l	98
4) Vinyl Chloride	2.16	62	161953	44.803	ug/l	98
5) Bromomethane	2.52	94	65657	33.819	ug/l	100
6) Chloroethane	2.66	64	98389	46.732	ug/l	98
7) Trichlorofluoromethane	2.98	101	204296	44.500	ug/l	100
8) Diethyl Ether	3.37	74	95372	46.458	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128653	47.273	ug/l	99
10) Methyl Iodide	3.91	142	98010	27.274	ug/l	99
11) Tert butyl alcohol	4.73	59	146874	213.235	ug/l	99
12) 1,1-Dichloroethene	3.69	96	125597	45.329	ug/l	98
13) Acrolein	3.56	56	99704	200.661	ug/l	98
14) Allyl chloride	4.27	41	284971	43.730	ug/l	97
15) Acrylonitrile	4.92	53	404941	224.163	ug/l	99
16) Acetone	3.77	43	432310	245.231	ug/l	98
17) Carbon Disulfide	4.00	76	373900	43.064	ug/l	99
18) Methyl Acetate	4.27	43	185289	42.117	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	488479	46.499	ug/l	99
20) Methylene Chloride	4.50	84	155376	41.223	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	137381	45.766	ug/l	97
22) Diisopropyl ether	5.90	45	575487	44.699	ug/l	99
23) Vinyl Acetate	5.84	43	2441850	228.953	ug/l	100
24) 1,1-Dichloroethane	5.79	63	300296	45.138	ug/l	100
25) 2-Butanone	6.78	43	585916	227.579	ug/l	98
26) 2,2-Dichloropropane	6.77	77	245819	48.189	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	162867	46.843	ug/l	98
28) Bromochloromethane	7.15	49	153516	42.472	ug/l	95
29) Tetrahydrofuran	7.16	42	372474	214.889	ug/l	97
30) Chloroform	7.32	83	275057	45.790	ug/l	100
31) Cyclohexane	7.61	56	266757	42.295	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	231721	46.375	ug/l	99
36) 1,1-Dichloropropene	7.75	75	215189	46.203	ug/l	99
37) Ethyl Acetate	6.88	43	236324	43.394	ug/l	99
38) Carbon Tetrachloride	7.73	117	196907	47.026	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	243801	49.032	ug/l	98
40) Benzene	8.00	78	627330	45.702	ug/l	100
41) Methacrylonitrile	7.12	41	102861	45.206	ug/l	95
42) 1,2-Dichloroethane	8.08	62	235737	46.903	ug/l	100
43) Isopropyl Acetate	8.12	43	395859	46.013	ug/l	98
44) Trichloroethene	8.80	130	145988	47.935	ug/l	100
45) 1,2-Dichloropropane	9.08	63	182408	45.777	ug/l	99
46) Dibromomethane	9.17	93	105482	46.908	ug/l	99
47) Bromodichloromethane	9.37	83	225260	46.855	ug/l	99
48) Methyl methacrylate	9.16	41	194903	46.184	ug/l	98
49) 1,4-Dioxane	9.17	88	54008	879.261	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1173531	228.380	ug/l	99
52) Toluene	10.12	92	374722	47.262	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	262203	48.681	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	282450	47.528	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	146675	47.036	ug/l	97
56) Ethyl methacrylate	10.40	69	261263	45.678	ug/l	98
57) 1,3-Dichloropropane	10.68	76	274270	47.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	446220	241.200	ug/l	98
59) 2-Hexanone	10.72	43	877399	235.203	ug/l	99
60) Dibromochloromethane	10.87	129	161123	47.653	ug/l	98
61) 1,2-Dibromoethane	10.98	107	151887	48.251	ug/l	99
64) Tetrachloroethene	10.60	164	117844	46.635	ug/l	99
65) Chlorobenzene	11.40	112	391757	47.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	144518	47.351	ug/l	99
67) Ethyl Benzene	11.48	91	740157	47.643	ug/l	98
68) m/p-Xylenes	11.59	106	535119	97.300	ug/l	99
69) o-Xylene	11.92	106	258595	48.293	ug/l	98
70) Styrene	11.94	104	444584	50.237	ug/l	99
71) Bromoform	12.10	173	109915	49.127	ug/l #	98
73) Isopropylbenzene	12.22	105	697544	46.324	ug/l	100
74) N-amyl acetate	12.04	43	360837	49.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	229220	45.274	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	207206m	43.398	ug/l	
77) Bromobenzene	12.50	156	158592	46.328	ug/l	95
78) n-propylbenzene	12.56	91	833738	47.401	ug/l	100
79) 2-Chlorotoluene	12.65	91	497108	46.566	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	589396	47.747	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	74840	41.954	ug/l	99
82) 4-Chlorotoluene	12.75	91	516323	47.641	ug/l	100
83) tert-Butylbenzene	12.97	119	485531	46.349	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	595113	48.502	ug/l	99
85) sec-Butylbenzene	13.15	105	669971	48.264	ug/l	100
86) p-Isopropyltoluene	13.26	119	591644	49.383	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	283740	48.046	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	283299	46.621	ug/l	99
89) n-Butylbenzene	13.59	91	533388	50.421	ug/l	99
90) Hexachloroethane	13.85	117	104805	44.470	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	271899	47.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	43724	47.323	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	144001	46.317	ug/l	98
94) Hexachlorobutadiene	14.98	225	72720	47.966	ug/l	98
95) Naphthalene	15.10	128	404091	53.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	141745	46.353	ug/l	98

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

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