

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062527.D
 Acq On : 15 Jul 2020 9:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 16 01:10:23 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	210395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	344559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	322402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	155406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	153583	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.54	113	108776	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.06	98	438805	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.37	95	168731	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	105600	49.275	ug/l	95
3) Chloromethane	2.04	50	154116	44.818	ug/l	100
4) Vinyl Chloride	2.16	62	135282	48.019	ug/l	98
5) Bromomethane	2.51	94	63166m	41.747	ug/l	
6) Chloroethane	2.66	64	62714	38.220	ug/l	99
7) Trichlorofluoromethane	2.98	101	159302	44.522	ug/l	99
8) Diethyl Ether	3.37	74	80483	50.304	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	113560	53.540	ug/l	99
10) Methyl Iodide	3.91	142	137637	49.145	ug/l	99
11) Tert butyl alcohol	4.73	59	124678	232.253	ug/l	99
12) 1,1-Dichloroethene	3.69	96	108029	50.025	ug/l	99
13) Acrolein	3.56	56	119400	308.328	ug/l	99
14) Allyl chloride	4.27	41	243644	47.972	ug/l	99
15) Acrylonitrile	4.92	53	349074	247.940	ug/l	99
16) Acetone	3.77	43	423042	307.908	ug/l	98
17) Carbon Disulfide	4.00	76	318718	47.100	ug/l	100
18) Methyl Acetate	4.27	43	164128	47.869	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	428307	52.313	ug/l	99
20) Methylene Chloride	4.50	84	138123	47.019	ug/l	93
21) trans-1,2-Dichloroethene	4.98	96	121282	51.841	ug/l	95
22) Diisopropyl ether	5.90	45	515037	51.328	ug/l	98
23) Vinyl Acetate	5.84	43	2082518	250.538	ug/l	99
24) 1,1-Dichloroethane	5.79	63	262266	50.581	ug/l	100
25) 2-Butanone	6.78	43	512118	255.226	ug/l	98
26) 2,2-Dichloropropane	6.77	77	220432	55.446	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	142952	52.754	ug/l	99
28) Bromochloromethane	7.14	49	147339	52.303	ug/l	97
29) Tetrahydrofuran	7.16	42	312251	231.142	ug/l	98
30) Chloroform	7.32	83	247630	52.894	ug/l	99
31) Cyclohexane	7.61	56	234369	47.680	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	204637	52.549	ug/l	99
36) 1,1-Dichloropropene	7.75	75	188793	54.386	ug/l	99
37) Ethyl Acetate	6.88	43	197648	48.692	ug/l	99
38) Carbon Tetrachloride	7.73	117	179301	57.452	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	214091	57.768	ug/l	98
40) Benzene	8.00	78	560982	54.832	ug/l	99
41) Methacrylonitrile	7.12	41	96786	57.070	ug/l	94
42) 1,2-Dichloroethane	8.08	62	206898	55.229	ug/l	100
43) Isopropyl Acetate	8.12	43	333229	51.967	ug/l	98
44) Trichloroethene	8.80	130	126471	55.715	ug/l	99
45) 1,2-Dichloropropane	9.08	63	164919	55.528	ug/l	98
46) Dibromomethane	9.17	93	92030	54.909	ug/l	99
47) Bromodichloromethane	9.37	83	202251	56.442	ug/l	99
48) Methyl methacrylate	9.16	41	160697	51.089	ug/l	98
49) 1,4-Dioxane	9.16	88	45711	998.444	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	996164	260.099	ug/l	98
52) Toluene	10.12	92	336463	56.936	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	235728	58.718	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	253570	57.247	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	133052	57.245	ug/l	97
56) Ethyl methacrylate	10.40	69	223904	52.265	ug/l	97
57) 1,3-Dichloropropane	10.68	76	242808	56.546	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	398555	289.042	ug/l	97
59) 2-Hexanone	10.72	43	762242	274.145	ug/l	97
60) Dibromochloromethane	10.87	129	149008	59.128	ug/l	99
61) 1,2-Dibromoethane	10.98	107	134883	57.489	ug/l	99
64) Tetrachloroethene	10.60	164	105681	55.240	ug/l	99
65) Chlorobenzene	11.40	112	354735	56.613	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	132766	57.457	ug/l	98
67) Ethyl Benzene	11.48	91	666898	56.701	ug/l	99
68) m/p-Xylenes	11.59	106	486739	116.899	ug/l	98
69) o-Xylene	11.92	106	234519	57.849	ug/l	98
70) Styrene	11.94	104	402725	60.108	ug/l	100
71) Bromoform	12.10	173	101637	60.001	ug/l #	99
73) Isopropylbenzene	12.22	105	638636	53.106	ug/l	99
74) N-amyl acetate	12.04	43	300280	51.302	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	202370	50.049	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	184128m	48.288	ug/l	
77) Bromobenzene	12.50	156	145226	53.120	ug/l	95
78) n-propylbenzene	12.56	91	766762	54.584	ug/l	99
79) 2-Chlorotoluene	12.65	91	453572	53.201	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	553035	56.098	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	74258	52.125	ug/l	95
82) 4-Chlorotoluene	12.75	91	472913	54.638	ug/l	98
83) tert-Butylbenzene	12.97	119	451912	54.018	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	553437	56.479	ug/l	100
85) sec-Butylbenzene	13.15	105	618310	55.774	ug/l	100
86) p-Isopropyltoluene	13.26	119	554099	57.911	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	269696	57.183	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	269183	55.468	ug/l	99
89) n-Butylbenzene	13.59	91	494028	58.476	ug/l	99
90) Hexachloroethane	13.85	117	105320	55.957	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	256287	56.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37585	50.935	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	132111	52.639	ug/l	98
94) Hexachlorobutadiene	14.98	225	75150	62.068	ug/l	99
95) Naphthalene	15.10	128	322582	53.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	130978	53.127	ug/l	99

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

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