

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056438.D
 Acq On : 21 Jun 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/24/2019 4:15:57 PM

Quant Time: Jun 22 03:44:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	366956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	573529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	211382	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	188582	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.09	98	712721	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	239816	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	149161	48.005	ug/l	100
3) Chloromethane	2.06	50	202497	47.863	ug/l	99
4) Vinyl Chloride	2.18	62	204852	50.132	ug/l	100
5) Bromomethane	2.53	94	125118m	52.229	ug/l	
6) Chloroethane	2.68	64	120883	51.083	ug/l	99
7) Trichlorofluoromethane	3.00	101	266995	50.511	ug/l	100
8) Diethyl Ether	3.41	74	114709	51.277	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	163294	48.443	ug/l	99
10) Methyl Iodide	3.95	142	246242	54.049	ug/l	100
11) Tert butyl alcohol	4.80	59	174122	254.197	ug/l	99
12) 1,1-Dichloroethene	3.73	96	165026	50.908	ug/l	97
13) Acrolein	3.61	56	117460	203.458	ug/l	97
14) Allyl chloride	4.32	41	282749	52.398	ug/l	100
15) Acrylonitrile	4.99	53	507834	267.984	ug/l	99
16) Acetone	3.82	43	440453	216.160	ug/l	100
17) Carbon Disulfide	4.05	76	347108	47.078	ug/l	99
18) Methyl Acetate	4.33	43	213264	53.499	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	572942	53.414	ug/l	99
20) Methylene Chloride	4.55	84	198333	51.663	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	175673	50.265	ug/l	99
22) Diisopropyl ether	5.95	45	599367	52.889	ug/l	96
23) Vinyl Acetate	5.90	43	2498983	279.579	ug/l	100
24) 1,1-Dichloroethane	5.85	63	337719	51.915	ug/l	100
25) 2-Butanone	6.84	43	689135	255.537	ug/l	98
26) 2,2-Dichloropropane	6.82	77	219541	48.523	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	215180	52.625	ug/l	98
28) Bromochloromethane	7.19	49	169549	52.693	ug/l	97
29) Tetrahydrofuran	7.21	42	451015	273.669	ug/l	99
30) Chloroform	7.37	83	334540	52.116	ug/l	100
31) Cyclohexane	7.65	56	297765	47.413	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	271974	53.453	ug/l	99
36) 1,1-Dichloropropene	7.79	75	245235	48.580	ug/l	99
37) Ethyl Acetate	6.93	43	265351	53.488	ug/l	99
38) Carbon Tetrachloride	7.77	117	224255	50.800	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	291894	46.861	ug/l	98
40) Benzene	8.04	78	777908	50.097	ug/l	99
41) Methacrylonitrile	7.17	41	111015	50.677	ug/l	99
42) 1,2-Dichloroethane	8.12	62	256072	49.970	ug/l	99
43) Isopropyl Acetate	8.17	43	422251	55.199	ug/l	100
44) Trichloroethene	8.83	130	211809	50.638	ug/l	99
45) 1,2-Dichloropropane	9.12	63	213573	51.430	ug/l	100
46) Dibromomethane	9.21	93	134859	51.907	ug/l	98
47) Bromodichloromethane	9.40	83	246474	53.489	ug/l	99
48) Methyl methacrylate	9.20	41	207068	54.017	ug/l	97
49) 1,4-Dioxane	9.20	88	83410	1048.503	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1327978	268.964	ug/l	100
52) Toluene	10.16	92	477666	50.315	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	259950	48.526	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	300590	54.170	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	199146	52.188	ug/l	99
56) Ethyl methacrylate	10.43	69	305286	54.743	ug/l	99
57) 1,3-Dichloropropane	10.71	76	337431	52.637	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	502931	251.033	ug/l	99
59) 2-Hexanone	10.75	43	922719	254.276	ug/l	99
60) Dibromochloromethane	10.90	129	193386	49.338	ug/l	100
61) 1,2-Dibromoethane	11.00	107	207843	53.329	ug/l	99
64) Tetrachloroethene	10.63	164	204020	50.500	ug/l	99
65) Chlorobenzene	11.43	112	511973	49.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	189458	54.685	ug/l	100
67) Ethyl Benzene	11.51	91	900023	50.004	ug/l	100
68) m/p-Xylenes	11.62	106	675611	102.423	ug/l	99
69) o-Xylene	11.95	106	337260	51.680	ug/l	98
70) Styrene	11.96	104	557922	53.486	ug/l	99
71) Bromoform	12.13	173	135362	48.529	ug/l #	100
73) Isopropylbenzene	12.25	105	884137	55.959	ug/l	100
74) N-amyl acetate	12.07	43	334338	49.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	277754	56.883	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	246732m	56.244	ug/l	
77) Bromobenzene	12.53	156	231448	48.926	ug/l	100
78) n-propylbenzene	12.59	91	953582	49.219	ug/l	100
79) 2-Chlorotoluene	12.67	91	582649	55.103	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	722319	54.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66751	54.081	ug/l	96
82) 4-Chlorotoluene	12.77	91	561161	49.055	ug/l	100
83) tert-Butylbenzene	12.99	119	642769	55.717	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	707534	49.678	ug/l	99
85) sec-Butylbenzene	13.17	105	823373	48.352	ug/l	100
86) p-Isopropyltoluene	13.29	119	727532	49.782	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	359941	50.208	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	344887	49.674	ug/l	100
89) n-Butylbenzene	13.61	91	543097	49.090	ug/l	100
90) Hexachloroethane	13.87	117	114857	50.411	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	357645	50.282	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41008	52.385	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	148225	41.138	ug/l	99
94) Hexachlorobutadiene	15.01	225	122535	50.868	ug/l	99
95) Naphthalene	15.13	128	420031	44.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	168802	44.521	ug/l	98

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

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