

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056370.D
 Acq On : 18 Jun 2019 17:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 6/19/2019 12:19:56 PM

Quant Time: Jun 19 03:49:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	359899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	548041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226369	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	196397	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.59	113	173562	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.09	98	669911	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	235497	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	156066	49.323	ug/l	99
3) Chloromethane	2.06	50	202741	47.786	ug/l	99
4) Vinyl Chloride	2.18	62	198957	47.715	ug/l	99
5) Bromomethane	2.53	94	120827m	49.817	ug/l	
6) Chloroethane	2.68	64	115753	47.930	ug/l	97
7) Trichlorofluoromethane	3.00	101	249204	46.797	ug/l	100
8) Diethyl Ether	3.40	74	101344	47.981	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	162456	47.169	ug/l	99
10) Methyl Iodide	3.94	142	229211	52.004	ug/l	99
11) Tert butyl alcohol	4.82	59	146047	229.354	ug/l	98
12) 1,1-Dichloroethene	3.72	96	153816	46.054	ug/l	98
13) Acrolein	3.60	56	37690	207.362	ug/l	97
14) Allyl chloride	4.31	41	265341	47.372	ug/l	98
15) Acrylonitrile	4.99	53	448740	246.572	ug/l	99
16) Acetone	3.82	43	406635	181.852	ug/l	99
17) Carbon Disulfide	4.04	76	358452	40.109	ug/l	98
18) Methyl Acetate	4.32	43	189072	48.453	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	510391	50.107	ug/l	100
20) Methylene Chloride	4.54	84	185610	47.008	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	166021	46.732	ug/l	97
22) Diisopropyl ether	5.95	45	542430	49.263	ug/l	99
23) Vinyl Acetate	5.89	43	2271193	253.530	ug/l	100
24) 1,1-Dichloroethane	5.84	63	311180	48.204	ug/l	99
25) 2-Butanone	6.84	43	609472	224.872	ug/l	99
26) 2,2-Dichloropropane	6.82	77	205196	43.957	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	198448	48.228	ug/l	100
28) Bromochloromethane	7.19	49	161606	49.991	ug/l	99
29) Tetrahydrofuran	7.21	42	398239	247.365	ug/l	99
30) Chloroform	7.37	83	306050	47.593	ug/l	99
31) Cyclohexane	7.65	56	294942	47.289	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	246551	46.287	ug/l	100
36) 1,1-Dichloropropene	7.79	75	241032	48.874	ug/l	98
37) Ethyl Acetate	6.93	43	238811	51.097	ug/l	99
38) Carbon Tetrachloride	7.77	117	207763	43.892	ug/l	97

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39) Methylcyclohexane	9.08	83	295964	49.200	ug/l	99
40) Benzene	8.04	78	728051	48.666	ug/l	98
41) Methacrylonitrile	7.17	41	115968	54.037	ug/l	98
42) 1,2-Dichloroethane	8.12	62	237424	48.393	ug/l	100
43) Isopropyl Acetate	8.17	43	365677	48.912	ug/l	99
44) Trichloroethene	8.83	130	196517	48.304	ug/l	99
45) 1,2-Dichloropropane	9.12	63	193954	49.055	ug/l	100
46) Dibromomethane	9.21	93	124315	47.314	ug/l	99
47) Bromodichloromethane	9.40	83	225911	45.005	ug/l	99
48) Methyl methacrylate	9.20	41	183736	48.711	ug/l	99
49) 1,4-Dioxane	9.20	88	72709	955.554	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1180735	247.798	ug/l	100
52) Toluene	10.15	92	453022	49.612	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	234477	47.044	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	275585	47.937	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	179135	47.734	ug/l	99
56) Ethyl methacrylate	10.43	69	275237	50.998	ug/l	99
57) 1,3-Dichloropropane	10.71	76	305479	48.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	513947	254.449	ug/l	99
59) 2-Hexanone	10.75	43	850511	240.675	ug/l	100
60) Dibromochloromethane	10.90	129	174145	44.243	ug/l	99
61) 1,2-Dibromoethane	11.00	107	188502	48.865	ug/l	99
64) Tetrachloroethene	10.63	164	191180	47.244	ug/l	97
65) Chlorobenzene	11.43	112	486674	48.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	169984	45.449	ug/l	100
67) Ethyl Benzene	11.51	91	862757	50.030	ug/l	99
68) m/p-Xylenes	11.62	106	654711	102.007	ug/l	100
69) o-Xylene	11.95	106	317795	50.230	ug/l	99
70) Styrene	11.96	104	538458	52.715	ug/l	99
71) Bromoform	12.13	173	122042	41.988	ug/l #	99
73) Isopropylbenzene	12.25	105	841643	50.136	ug/l	99
74) N-amyl acetate	12.07	43	318032	44.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	260503	49.527	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	206494m	42.695	ug/l	
77) Bromobenzene	12.53	156	221205	49.207	ug/l	99
78) n-propylbenzene	12.59	91	934532	45.992	ug/l	100
79) 2-Chlorotoluene	12.67	91	565379	50.526	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	710308	44.977	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	59684	38.341	ug/l	89
82) 4-Chlorotoluene	12.77	91	549173	46.042	ug/l	99
83) tert-Butylbenzene	12.99	119	615720	50.668	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	704733	47.921	ug/l	99
85) sec-Butylbenzene	13.17	105	812541	45.593	ug/l	99
86) p-Isopropyltoluene	13.29	119	732544	48.019	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	368863	47.874	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	356738	48.184	ug/l	99
89) n-Butylbenzene	13.61	91	590861	51.805	ug/l	99
90) Hexachloroethane	13.87	117	106986	41.049	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	369709	49.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	42122	43.064	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	179867	46.280	ug/l	99
94) Hexachlorobutadiene	15.01	225	130636	50.522	ug/l	99
95) Naphthalene	15.13	128	477813	46.499	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	195978	47.889	ug/l	99

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

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