

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055315.D
 Acq On : 30 Apr 2019 18:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 5/1/2019 3:01:26 PM

Quant Time: May 01 09:27:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	379266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	619378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	232065	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	265560	53.52	ug/l	0.00
Spiked Amount						
			Recovery	=	107.04%	
35) Dibromofluoromethane	7.59	113	207291	50.99	ug/l	0.00
Spiked Amount						
			Recovery	=	101.98%	
50) Toluene-d8	10.09	98	753818	51.35	ug/l	0.00
Spiked Amount						
			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.40	95	254655	55.51	ug/l	0.00
Spiked Amount						
			Recovery	=	111.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	235328	50.643	ug/l	98
3) Chloromethane	2.06	50	275412	47.865	ug/l	100
4) Vinyl Chloride	2.19	62	220855	47.617	ug/l	100
5) Bromomethane	2.55	94	113857	46.344	ug/l	99
6) Chloroethane	2.70	64	117465	46.750	ug/l	97
7) Trichlorofluoromethane	3.02	101	318072	48.227	ug/l	100
8) Diethyl Ether	3.41	74	120112	52.054	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	189973	48.371	ug/l	99
10) Methyl Iodide	3.95	142	281870	50.998	ug/l	100
11) Tert butyl alcohol	4.79	59	90884	319.937	ug/l	99
12) 1,1-Dichloroethene	3.74	96	182771	48.784	ug/l	99
13) Acrolein	3.61	56	59445	267.955	ug/l	97
14) Allyl chloride	4.33	41	386830	49.853	ug/l	100
15) Acrylonitrile	4.99	53	460512	288.411	ug/l	99
16) Acetone	3.82	43	371452	240.268	ug/l	99
17) Carbon Disulfide	4.06	76	464964	47.555	ug/l	98
18) Methyl Acetate	4.33	43	227913	60.740	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	582632	55.318	ug/l	98
20) Methylene Chloride	4.55	84	223131	47.285	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	198523	50.033	ug/l	93
22) Diisopropyl ether	5.95	45	807076	52.349	ug/l	99
23) Vinyl Acetate	5.90	43	2904562	287.455	ug/l	100
24) 1,1-Dichloroethane	5.85	63	410901	50.022	ug/l	99
25) 2-Butanone	6.84	43	574265	290.456	ug/l	100
26) 2,2-Dichloropropane	6.83	77	265295	46.769	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	231135	51.225	ug/l	99
28) Bromochloromethane	7.20	49	209421	50.577	ug/l	100
29) Tetrahydrofuran	7.21	42	382152	301.857	ug/l	100
30) Chloroform	7.37	83	392282	50.377	ug/l	100
31) Cyclohexane	7.65	56	365114	46.782	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	318417	50.384	ug/l	99
36) 1,1-Dichloropropene	7.79	75	279764	47.156	ug/l	99
37) Ethyl Acetate	6.93	43	249025	54.768	ug/l	99
38) Carbon Tetrachloride	7.78	117	265876	46.458	ug/l	98

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39) Methylcyclohexane	9.08	83	300882	47.701	ug/l	98
40) Benzene	8.04	78	854643	48.867	ug/l	100
41) Methacrylonitrile	7.18	41	124104m	50.425	ug/l	
42) 1,2-Dichloroethane	8.13	62	303490	48.995	ug/l	100
43) Isopropyl Acetate	8.17	43	452635	61.944	ug/l #	87
44) Trichloroethene	8.84	130	213605	47.910	ug/l	99
45) 1,2-Dichloropropane	9.12	63	248128	49.191	ug/l	98
46) Dibromomethane	9.21	93	141563	51.344	ug/l	99
47) Bromodichloromethane	9.40	83	297232	50.251	ug/l	96
48) Methyl methacrylate	9.20	41	201178	56.004	ug/l	95
49) 1,4-Dioxane	9.20	88	46890	1262.730	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1219012	296.306	ug/l	99
52) Toluene	10.16	92	508123	50.636	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	285860	55.671	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	345651	53.990	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	192218	51.584	ug/l	98
56) Ethyl methacrylate	10.43	69	270190	58.910	ug/l	98
57) 1,3-Dichloropropane	10.71	76	342942	52.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	383146	268.222	ug/l	99
59) 2-Hexanone	10.75	43	782627	304.040	ug/l	99
60) Dibromochloromethane	10.90	129	207141	54.390	ug/l	98
61) 1,2-Dibromoethane	11.01	107	189580	55.043	ug/l	100
64) Tetrachloroethene	10.63	164	205016	45.689	ug/l	99
65) Chlorobenzene	11.43	112	515974	48.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	198678	47.296	ug/l	98
67) Ethyl Benzene	11.51	91	954238	49.258	ug/l	99
68) m/p-Xylenes	11.62	106	693533	100.296	ug/l	99
69) o-Xylene	11.95	106	343139	50.066	ug/l	99
70) Styrene	11.96	104	569167	54.086	ug/l	100
71) Bromoform	12.13	173	129754	55.666	ug/l #	97
73) Isopropylbenzene	12.25	105	910755	49.277	ug/l	99
74) N-amyl acetate	12.07	43	327603	55.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	250764	54.846	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	222957m	51.778	ug/l	
77) Bromobenzene	12.53	156	222329	50.232	ug/l	98
78) n-propylbenzene	12.59	91	1020786	42.822	ug/l	99
79) 2-Chlorotoluene	12.67	91	621255	49.363	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	775205	42.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	60496	49.402	ug/l	97
82) 4-Chlorotoluene	12.77	91	607989	43.866	ug/l	99
83) tert-Butylbenzene	12.99	119	658829	51.233	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	752482	46.247	ug/l	99
85) sec-Butylbenzene	13.17	105	837792	42.368	ug/l	99
86) p-Isopropyltoluene	13.29	119	735496	45.254	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	364643	46.957	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	349377	47.775	ug/l	99
89) n-Butylbenzene	13.61	91	574165	49.716	ug/l	99
90) Hexachloroethane	13.87	117	122590	47.560	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	367378	47.733	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36136	59.188	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139658	46.290	ug/l	99
94) Hexachlorobutadiene	15.01	225	123041	53.313	ug/l	98
95) Naphthalene	15.13	128	309129	48.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	147104	49.269	ug/l	99

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

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