

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055779.D
 Acq On : 24 May 2019 1:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:53:13 AM

Quant Time: May 24 08:16:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	395925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	569115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	511836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	255926	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	193914	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
35) Dibromofluoromethane	7.59	113	182014	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.09	98	692083	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	244318	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	112470	42.209	ug/l	98
3) Chloromethane	2.06	50	167425	44.845	ug/l	98
4) Vinyl Chloride	2.18	62	174738	43.882	ug/l	99
5) Bromomethane	2.53	94	114416	45.928	ug/l	100
6) Chloroethane	2.68	64	106782	44.540	ug/l	98
7) Trichlorofluoromethane	3.00	101	229374	43.937	ug/l	99
8) Diethyl Ether	3.40	74	102363	43.748	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	142623	43.765	ug/l	96
10) Methyl Iodide	3.94	142	249342	52.334	ug/l	99
11) Tert butyl alcohol	4.82	59	203181	260.077	ug/l	99
12) 1,1-Dichloroethene	3.72	96	154614	45.917	ug/l	96
13) Acrolein	3.60	56	116756	208.718	ug/l	96
14) Allyl chloride	4.31	41	253391	43.897	ug/l	98
15) Acrylonitrile	4.99	53	430964	240.237	ug/l	100
16) Acetone	3.82	43	334945	186.355	ug/l	100
17) Carbon Disulfide	4.04	76	417492	43.640	ug/l	100
18) Methyl Acetate	4.33	43	173850	47.516	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	526716	46.902	ug/l	93
20) Methylene Chloride	4.54	84	178321	45.812	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	168298	46.523	ug/l	97
22) Diisopropyl ether	5.96	45	517090	46.057	ug/l	97
23) Vinyl Acetate	5.90	43	2205898	229.160	ug/l	100
24) 1,1-Dichloroethane	5.84	63	297327	45.485	ug/l	99
25) 2-Butanone	6.84	43	564232	224.781	ug/l	98
26) 2,2-Dichloropropane	6.82	77	185526	32.794	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	198527	47.039	ug/l	95
28) Bromochloromethane	7.19	49	145193	46.652	ug/l	94
29) Tetrahydrofuran	7.22	42	377573	237.527	ug/l	99
30) Chloroform	7.37	83	306153	46.963	ug/l	99
31) Cyclohexane	7.65	56	279546	45.550	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	268484	46.152	ug/l	98
36) 1,1-Dichloropropene	7.79	75	225960	45.560	ug/l	99
37) Ethyl Acetate	6.93	43	228650	47.700	ug/l	99
38) Carbon Tetrachloride	7.77	117	239846	46.427	ug/l	99

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39) Methylcyclohexane	9.08	83	287533	46.817	ug/l	99
40) Benzene	8.04	78	712400	47.661	ug/l	99
41) Methacrylonitrile	7.17	41	109554	45.239	ug/l	97
42) 1,2-Dichloroethane	8.12	62	224069	45.876	ug/l	98
43) Isopropyl Acetate	8.17	43	388425	48.228	ug/l #	93
44) Trichloroethene	8.83	130	210297	50.467	ug/l	98
45) 1,2-Dichloropropane	9.12	63	185861	47.725	ug/l	100
46) Dibromomethane	9.21	93	124085	48.584	ug/l	95
47) Bromodichloromethane	9.40	83	244610	46.708	ug/l	99
48) Methyl methacrylate	9.20	41	178403	48.063	ug/l	97
49) 1,4-Dioxane	9.20	88	78324	1015.419	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	1160919	244.065	ug/l	99
52) Toluene	10.16	92	460104	48.943	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	260146	46.537	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	286395	46.246	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	187238	49.717	ug/l	99
56) Ethyl methacrylate	10.43	69	291758	50.127	ug/l	99
57) 1,3-Dichloropropane	10.71	76	297914	48.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	551248	247.831	ug/l	98
59) 2-Hexanone	10.75	43	823819	244.140	ug/l	99
60) Dibromochloromethane	10.90	129	218059	49.703	ug/l	100
61) 1,2-Dibromoethane	11.00	107	196852	50.393	ug/l	99
64) Tetrachloroethene	10.63	164	217525	50.389	ug/l	99
65) Chlorobenzene	11.43	112	505773	49.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	194286	47.542	ug/l	99
67) Ethyl Benzene	11.51	91	921353	50.142	ug/l	99
68) m/p-Xylenes	11.62	106	733377	105.575	ug/l	97
69) o-Xylene	11.95	106	337874	49.025	ug/l	98
70) Styrene	11.96	104	565336	50.654	ug/l	100
71) Bromoform	12.13	173	176444	50.619	ug/l #	99
73) Isopropylbenzene	12.25	105	898814	49.337	ug/l	99
74) N-amyl acetate	12.07	43	326194	46.928	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	257584	47.615	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	214057m	48.479	ug/l	
77) Bromobenzene	12.53	156	443891	81.281	ug/l	45
78) n-propylbenzene	12.59	91	975236	43.844	ug/l	98
79) 2-Chlorotoluene	12.67	91	575395	47.918	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	771655	50.376	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	74462	39.147	ug/l	100
82) 4-Chlorotoluene	12.77	91	566993	43.364	ug/l	99
83) tert-Butylbenzene	12.99	119	644335	48.557	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	910753	60.000	ug/l	99
85) sec-Butylbenzene	13.17	105	819923	47.472	ug/l	98
86) p-Isopropyltoluene	13.29	119	766436	43.123	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	399160	46.159	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	386767	47.043	ug/l	99
89) n-Butylbenzene	13.61	91	606318	44.524	ug/l	98
90) Hexachloroethane	13.87	117	142052	41.991	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	392932	45.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49788	43.906	ug/l	91

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93) 1,2,4-Trichlorobenzene	14.91	180	235454	47.621	ug/l	99
94) Hexachlorobutadiene	15.01	225	150002	49.381	ug/l	98
95) Naphthalene	15.13	128	741502	62.633	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	242210	53.109	ug/l	100

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

