

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053830.D
 Acq On : 18 Feb 2019 9:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 19 03:15:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	751818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1100610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	960749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	445666	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	371095	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	7.59	113	360859	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
50) Toluene-d8	10.09	98	1321920	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.40	95	419783	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	339027	40.067	ug/l	100
3) Chloromethane	2.06	50	366480	41.059	ug/l	98
4) Vinyl Chloride	2.19	62	384774	44.408	ug/l	100
5) Bromomethane	2.57	94	257449	45.444	ug/l	97
6) Chloroethane	2.71	64	232399	46.937	ug/l	100
7) Trichlorofluoromethane	3.02	101	566462	48.211	ug/l	98
8) Diethyl Ether	3.41	74	198742	46.316	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	362556	49.893	ug/l	99
10) Methyl Iodide	3.96	142	512707	44.953	ug/l	99
11) Tert butyl alcohol	4.78	59	115122	257.910	ug/l #	85
12) 1,1-Dichloroethene	3.74	96	323208	46.424	ug/l	97
13) Acrolein	3.60	56	89903	369.931	ug/l	98
14) Allyl chloride	4.32	41	514025	46.371	ug/l	99
15) Acrylonitrile	4.99	53	615328	255.354	ug/l	99
16) Acetone	3.81	43	652047	337.047	ug/l	99
17) Carbon Disulfide	4.06	76	875854	40.402	ug/l	99
18) Methyl Acetate	4.32	43	315636	55.091	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	886570	50.233	ug/l	99
20) Methylene Chloride	4.55	84	375931	46.318	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	345192	45.958	ug/l	97
22) Diisopropyl ether	5.95	45	1029262	50.111	ug/l	96
23) Vinyl Acetate	5.89	43	3422594	240.875	ug/l	98
24) 1,1-Dichloroethane	5.85	63	647745	47.282	ug/l	99
25) 2-Butanone	6.83	43	749771	271.740	ug/l	98
26) 2,2-Dichloropropane	6.82	77	516014	49.342	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	403980	48.369	ug/l	98
28) Bromochloromethane	7.19	49	290783	48.911	ug/l	97
29) Tetrahydrofuran	7.21	42	431227	243.393	ug/l	97
30) Chloroform	7.37	83	654777	48.214	ug/l	99
31) Cyclohexane	7.65	56	555199	43.506	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	548672	48.547	ug/l	99
36) 1,1-Dichloropropene	7.79	75	482295	48.612	ug/l	98
37) Ethyl Acetate	6.92	43	276732	49.942	ug/l	97
38) Carbon Tetrachloride	7.77	117	489648	48.991	ug/l	99

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39) Methylcyclohexane	9.08	83	581727	49.422	ug/l	98
40) Benzene	8.04	78	1481675	48.429	ug/l	99
41) Methacrylonitrile	7.18	41	176524m	57.000	ug/l	
42) 1,2-Dichloroethane	8.12	62	440832	48.527	ug/l	100
43) Isopropyl Acetate	8.16	43	496270	46.376	ug/l	98
44) Trichloroethene	8.83	130	422296	48.483	ug/l	100
45) 1,2-Dichloropropane	9.12	63	392290	50.131	ug/l	99
46) Dibromomethane	9.21	93	232647	49.318	ug/l	97
47) Bromodichloromethane	9.40	83	496707	50.643	ug/l	99
48) Methyl methacrylate	9.20	41	240770	47.135	ug/l	91
49) 1,4-Dioxane	9.20	88	74854	1010.883	ug/l #	93
51) 4-Methyl-2-Pentanone	9.98	43	1375005	261.482	ug/l	100
52) Toluene	10.16	92	905475	49.867	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	500605	50.971	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	588787	50.591	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	339323	51.860	ug/l	98
56) Ethyl methacrylate	10.43	69	396727	51.254	ug/l	99
57) 1,3-Dichloropropane	10.71	76	554076	49.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	907163	190.931	ug/l	98
59) 2-Hexanone	10.75	43	933224	261.418	ug/l	99
60) Dibromochloromethane	10.90	129	383002	51.908	ug/l	100
61) 1,2-Dibromoethane	11.00	107	321562	49.654	ug/l	99
64) Tetrachloroethene	10.63	164	413262	50.179	ug/l	98
65) Chlorobenzene	11.43	112	997408	48.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	371179	52.080	ug/l	100
67) Ethyl Benzene	11.51	91	1663318	49.617	ug/l	100
68) m/p-Xylenes	11.62	106	1305405	102.029	ug/l	98
69) o-Xylene	11.95	106	631154	51.061	ug/l	98
70) Styrene	11.96	104	1035000	51.661	ug/l	99
71) Bromoform	12.13	173	266275	54.496	ug/l #	99
73) Isopropylbenzene	12.25	105	1632835	52.118	ug/l	99
74) N-amyl acetate	12.07	43	392238	52.064	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	356810	47.587	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	312270m	54.552	ug/l	
77) Bromobenzene	12.53	156	414074	49.040	ug/l	96
78) n-propylbenzene	12.59	91	1827638	50.463	ug/l	100
79) 2-Chlorotoluene	12.67	91	1063994	49.518	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1347775	51.877	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	102624	50.411	ug/l	98
82) 4-Chlorotoluene	12.77	91	1074264	48.722	ug/l	99
83) tert-Butylbenzene	12.99	119	1186588	51.677	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1372458	51.852	ug/l	100
85) sec-Butylbenzene	13.17	105	1629894	52.163	ug/l	99
86) p-Isopropyltoluene	13.29	119	1428938	52.289	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	753920	49.670	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	733927	48.881	ug/l	99
89) n-Butylbenzene	13.62	91	1233607	52.153	ug/l	100
90) Hexachloroethane	13.88	117	246596	54.706	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	722246	49.703	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	53811	50.357	ug/l	99

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93) 1,2,4-Trichlorobenzene	14.91	180	415753	49.886	ug/l	100
94) Hexachlorobutadiene	15.01	225	288337	55.555	ug/l	100
95) Naphthalene	15.13	128	783299	40.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	387341	50.089	ug/l	100

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

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