

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
 Data File : VN053564.D
 Acq On : 30 Jan 2019 11:42
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 9:18:44 AM

Quant Time: Jan 31 06:19:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 31 05:27:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	778813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1153584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1009599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	489336	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	377405	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	7.59	113	365094	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1363142	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	461349	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	432026	49.210	ug/l	99
3) Chloromethane	2.06	50	463555	50.135	ug/l	100
4) Vinyl Chloride	2.19	62	445498	49.635	ug/l	100
5) Bromomethane	2.57	94	287735	49.029	ug/l	97
6) Chloroethane	2.71	64	248888	48.525	ug/l	98
7) Trichlorofluoromethane	3.02	101	591027	48.558	ug/l	99
8) Diethyl Ether	3.41	74	219551	49.392	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	377353	50.130	ug/l	99
10) Methyl Iodide	3.95	142	565744	47.884	ug/l	99
11) Tert butyl alcohol	4.79	59	117594	254.316	ug/l	98
12) 1,1-Dichloroethene	3.74	96	357277	49.539	ug/l	99
13) Acrolein	3.61	56	39129	217.271	ug/l	99
14) Allyl chloride	4.32	41	571775	49.793	ug/l	99
15) Acrylonitrile	4.99	53	622162	249.241	ug/l	99
16) Acetone	3.82	43	511431	255.198	ug/l	100
17) Carbon Disulfide	4.06	76	1084396	48.288	ug/l	100
18) Methyl Acetate	4.33	43	282172	47.543	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	926888	50.697	ug/l	99
20) Methylene Chloride	4.55	84	387683	46.110	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	380492	48.902	ug/l	97
22) Diisopropyl ether	5.95	45	1066069	50.104	ug/l	95
23) Vinyl Acetate	5.90	43	3835085	260.550	ug/l	98
24) 1,1-Dichloroethane	5.85	63	676828	47.692	ug/l	99
25) 2-Butanone	6.84	43	725717	253.905	ug/l	100
26) 2,2-Dichloropropane	6.82	77	533367	49.234	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	421789	48.751	ug/l	99
28) Bromochloromethane	7.19	49	298274	48.432	ug/l	97
29) Tetrahydrofuran	7.21	42	460239	250.764	ug/l	98
30) Chloroform	7.37	83	664018	47.200	ug/l	99
31) Cyclohexane	7.65	56	642748	48.640	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	569905	48.678	ug/l	99
36) 1,1-Dichloropropene	7.79	75	524389	50.428	ug/l	99
37) Ethyl Acetate	6.93	43	305481	52.598	ug/l	99
38) Carbon Tetrachloride	7.77	117	518078	49.455	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	661929	53.653	ug/l	100
40) Benzene	8.04	78	1567797	48.891	ug/l	100
41) Methacrylonitrile	7.18	41	156693	48.273	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	460574	48.372	ug/l	99
43) Isopropyl Acetate	8.16	43	542257	48.346	ug/l #	89
44) Trichloroethene	8.83	130	432306	47.353	ug/l	98
45) 1,2-Dichloropropane	9.12	63	405807	49.477	ug/l	99
46) Dibromomethane	9.21	93	239595	48.459	ug/l	98
47) Bromodichloromethane	9.40	83	505009	49.125	ug/l	99
48) Methyl methacrylate	9.20	41	263789	49.270	ug/l	93
49) 1,4-Dioxane	9.20	88	73972	955.332	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1435927	260.528	ug/l	100
52) Toluene	10.16	92	960040	50.444	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	528630	51.353	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	620819	50.894	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	341184	49.750	ug/l	98
56) Ethyl methacrylate	10.43	69	431960	53.243	ug/l	99
57) 1,3-Dichloropropane	10.71	76	578034	49.318	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1190988	237.134	ug/l	98
59) 2-Hexanone	10.75	43	972637	259.947	ug/l	99
60) Dibromochloromethane	10.90	129	386418	49.966	ug/l	100
61) 1,2-Dibromoethane	11.01	107	331615	48.855	ug/l	100
64) Tetrachloroethene	10.63	164	427425	49.388	ug/l	99
65) Chlorobenzene	11.44	112	1049750	48.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	373348	49.850	ug/l	99
67) Ethyl Benzene	11.51	91	1784627	50.660	ug/l	100
68) m/p-Xylenes	11.62	106	1383570	102.906	ug/l	99
69) o-Xylene	11.95	106	669832	51.569	ug/l	98
70) Styrene	11.96	104	1099562	52.228	ug/l	99
71) Bromoform	12.13	173	263102	51.241	ug/l #	99
73) Isopropylbenzene	12.25	105	1735451	50.450	ug/l	100
74) N-amyl acetate	12.07	43	421211	50.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	392112	47.629	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	325161m	51.734	ug/l	
77) Bromobenzene	12.53	156	460346	49.655	ug/l	98
78) n-propylbenzene	12.59	91	2047881	51.498	ug/l	100
79) 2-Chlorotoluene	12.68	91	1187324	50.326	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1489384	52.212	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	114814	51.366	ug/l	100
82) 4-Chlorotoluene	12.77	91	1225546	50.623	ug/l	100
83) tert-Butylbenzene	12.99	119	1268357	50.308	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1521378	52.349	ug/l	99
85) sec-Butylbenzene	13.17	105	1772293	51.658	ug/l	99
86) p-Isopropyltoluene	13.29	119	1593534	53.108	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	822644	49.361	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	811340	49.215	ug/l	100
89) n-Butylbenzene	13.62	91	1388055	53.445	ug/l	100
90) Hexachloroethane	13.88	117	243638	49.227	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	781186	48.962	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57980	49.416	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	511383	55.884	ug/l	100
94) Hexachlorobutadiene	15.01	225	295782	51.903	ug/l	100
95) Naphthalene	15.13	128	1090694	50.714	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	471795	55.566	ug/l	100

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

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