

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053793.D
 Acq On : 15 Feb 2019 12:10
 Operator : JC/SP
 Sample : VN0215WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 9:48:12 AM

Quant Time: Feb 15 23:43:40 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	7.67	168	666537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1010600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	919367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	411389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	354971	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	7.59	113	340794	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	10.09	98	1336169	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	
62) 4-Bromofluorobenzene	12.40	95	413657	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	131772	17.755	ug/l	98
3) Chloromethane	2.06	50	144461	18.256	ug/l	98
4) Vinyl Chloride	2.19	62	152418	19.842	ug/l	100
5) Bromomethane	2.57	94	110665	22.033	ug/l	99
6) Chloroethane	2.71	64	97252	22.155	ug/l	98
7) Trichlorofluoromethane	3.02	101	217936	20.922	ug/l	97
8) Diethyl Ether	3.41	74	80033	21.038	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	136327	21.161	ug/l	98
10) Methyl Iodide	3.96	142	185991	18.394	ug/l	100
11) Tert butyl alcohol	4.78	59	43848	110.802	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	125901	20.398	ug/l	98
13) Acrolein	3.61	56	20307	94.250	ug/l	98
14) Allyl chloride	4.33	41	188481	19.179	ug/l	98
15) Acrylonitrile	4.99	53	233023	109.075	ug/l	99
16) Acetone	3.82	43	205292	119.694	ug/l	99
17) Carbon Disulfide	4.06	76	320787	16.691	ug/l	100
18) Methyl Acetate	4.33	43	119177	23.463	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	332503	21.250	ug/l	100
20) Methylene Chloride	4.55	84	138283	19.217	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	125108	18.788	ug/l	99
22) Diisopropyl ether	5.95	45	378434	20.782	ug/l	98
23) Vinyl Acetate	5.90	43	1255880	99.695	ug/l	100
24) 1,1-Dichloroethane	5.85	63	241579	19.890	ug/l	99
25) 2-Butanone	6.84	43	260487	106.488	ug/l	97
26) 2,2-Dichloropropane	6.83	77	184817	19.934	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	147145	19.872	ug/l	98
28) Bromochloromethane	7.20	49	107319	20.361	ug/l	96
29) Tetrahydrofuran	7.21	42	168869	107.508	ug/l	98
30) Chloroform	7.37	83	244519	20.309	ug/l	100
31) Cyclohexane	7.66	56	207887	18.276	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	200315	19.992	ug/l	99
36) 1,1-Dichloropropene	7.79	75	177171	19.448	ug/l	98
37) Ethyl Acetate	6.93	43	113967	22.399	ug/l	100
38) Carbon Tetrachloride	7.78	117	179372	19.545	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	199297	18.440	ug/l	97
40) Benzene	8.04	78	550175	19.584	ug/l	100
41) Methacrylonitrile	7.18	41	61740m	21.712	ug/l	
42) 1,2-Dichloroethane	8.12	62	166399	19.949	ug/l	97
43) Isopropyl Acetate	8.16	43	192402	19.581	ug/l #	89
44) Trichloroethene	8.84	130	155011	19.382	ug/l	97
45) 1,2-Dichloropropane	9.12	63	148873	20.719	ug/l	98
46) Dibromomethane	9.21	93	87911	20.296	ug/l	99
47) Bromodichloromethane	9.40	83	188259	20.904	ug/l	99
48) Methyl methacrylate	9.20	41	96985	20.678	ug/l	98
49) 1,4-Dioxane	9.20	88	27418	426.753	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	577548	119.613	ug/l	98
52) Toluene	10.16	92	361967	21.710	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	190108	21.081	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	217457	20.349	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	137524	22.890	ug/l	99
56) Ethyl methacrylate	10.43	69	159252	22.407	ug/l	96
57) 1,3-Dichloropropane	10.71	76	223609	21.777	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	345512	83.884	ug/l	99
59) 2-Hexanone	10.75	43	360521	109.985	ug/l	99
60) Dibromochloromethane	10.90	129	150260	22.179	ug/l	100
61) 1,2-Dibromoethane	11.01	107	125275	21.067	ug/l	97
64) Tetrachloroethene	10.63	164	159400	20.226	ug/l	99
65) Chlorobenzene	11.43	112	382618	19.593	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	142882	20.950	ug/l	98
67) Ethyl Benzene	11.51	91	617892	19.262	ug/l	99
68) m/p-Xylenes	11.62	106	489467	39.978	ug/l	99
69) o-Xylene	11.95	106	229850	19.432	ug/l	100
70) Styrene	11.96	104	370658	19.334	ug/l	100
71) Bromoform	12.13	173	97317	20.813	ug/l #	99
73) Isopropylbenzene	12.25	105	612755	21.188	ug/l	99
74) N-amyl acetate	12.07	43	144633	20.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	150010	21.674	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	121105m	22.919	ug/l	
77) Bromobenzene	12.53	156	160423	20.582	ug/l	98
78) n-propylbenzene	12.59	91	693376	20.740	ug/l	100
79) 2-Chlorotoluene	12.67	91	415187	20.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	514215	21.442	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37349	19.875	ug/l	99
82) 4-Chlorotoluene	12.77	91	411188	20.203	ug/l	99
83) tert-Butylbenzene	12.99	119	459905	21.698	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	526237	21.538	ug/l	100
85) sec-Butylbenzene	13.17	105	624888	21.665	ug/l	100
86) p-Isopropyltoluene	13.29	119	536925	21.285	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	281650	20.102	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	273756	19.752	ug/l	99
89) n-Butylbenzene	13.61	91	435638	19.952	ug/l	99
90) Hexachloroethane	13.87	117	93604	22.496	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	278322	20.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21807	22.107	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	143605	18.667	ug/l	98
94) Hexachlorobutadiene	15.01	225	105543	22.030	ug/l	99
95) Naphthalene	15.13	128	283483	16.878	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142681	19.988	ug/l	99

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

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