

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055127.D
 Acq On : 18 Apr 2019 17:53
 Operator : JC/SP
 Sample : VN0418WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 5:47:33 PM

Quant Time: Apr 19 09:19:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	392406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	654760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	270132	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	211566	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.09	98	762183	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	250400	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	81269	18.224	ug/l	99
3) Chloromethane	2.06	50	103974	17.876	ug/l	98
4) Vinyl Chloride	2.19	62	85240	17.435	ug/l	100
5) Bromomethane	2.56	94	43137	15.597	ug/l	97
6) Chloroethane	2.70	64	47972	18.196	ug/l	99
7) Trichlorofluoromethane	3.01	101	124340	20.336	ug/l	100
8) Diethyl Ether	3.41	74	49779	25.505	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	73567	22.992	ug/l	98
10) Methyl Iodide	3.95	142	95566	19.246	ug/l	93
11) Tert butyl alcohol	4.79	59	39631	138.614	ug/l	99
12) 1,1-Dichloroethene	3.74	96	72938	23.419	ug/l	92
13) Acrolein	3.61	56	30889	87.405	ug/l	98
14) Allyl chloride	4.33	41	146862	19.264	ug/l	99
15) Acrylonitrile	4.99	53	191978	112.228	ug/l	100
16) Acetone	3.82	43	144839	102.307	ug/l	92
17) Carbon Disulfide	4.06	76	169083	16.818	ug/l	99
18) Methyl Acetate	4.33	43	95764	23.236	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	236965	21.269	ug/l	95
20) Methylene Chloride	4.55	84	93306	18.748	ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	78947	18.742	ug/l	92
22) Diisopropyl ether	5.96	45	321887	20.539	ug/l	95
23) Vinyl Acetate	5.90	43	1129801	109.064	ug/l	100
24) 1,1-Dichloroethane	5.85	63	167383	20.056	ug/l	100
25) 2-Butanone	6.84	43	236770	112.056	ug/l	98
26) 2,2-Dichloropropane	6.83	77	88219	16.748	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	95686	20.078	ug/l	96
28) Bromochloromethane	7.19	49	82287	20.454	ug/l	99
29) Tetrahydrofuran	7.21	42	166491	120.157	ug/l	98
30) Chloroform	7.37	83	159284	19.649	ug/l	99
31) Cyclohexane	7.66	56	147525	19.225	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	127605	19.868	ug/l	99
36) 1,1-Dichloropropene	7.79	75	114615	18.569	ug/l	99
37) Ethyl Acetate	6.93	43	100371	19.974	ug/l	99
38) Carbon Tetrachloride	7.78	117	103784	17.673	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	114725	17.153	ug/l	98
40) Benzene	8.04	78	351800	18.911	ug/l	100
41) Methacrylonitrile	7.18	41	62385	22.365	ug/l	96
42) 1,2-Dichloroethane	8.13	62	125204	19.385	ug/l	99
43) Isopropyl Acetate	8.17	43	180702	23.338	ug/l	99
44) Trichloroethene	8.84	130	88579	19.010	ug/l	97
45) 1,2-Dichloropropane	9.12	63	100875	19.444	ug/l	98
46) Dibromomethane	9.21	93	59308	20.084	ug/l	99
47) Bromodichloromethane	9.40	83	117220	19.254	ug/l	98
48) Methyl methacrylate	9.20	41	84257	21.955	ug/l	97
49) 1,4-Dioxane	9.20	88	20453	568.842	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	507961	113.556	ug/l	100
52) Toluene	10.16	92	206109	19.345	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	103202	19.397	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	129577	19.622	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	84534	20.593	ug/l	98
56) Ethyl methacrylate	10.43	69	106577	21.634	ug/l	99
57) 1,3-Dichloropropane	10.71	76	141240	20.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	197668	98.166	ug/l	98
59) 2-Hexanone	10.75	43	319936	113.872	ug/l	98
60) Dibromochloromethane	10.90	129	81572	20.350	ug/l	100
61) 1,2-Dibromoethane	11.01	107	78250	20.711	ug/l	97
64) Tetrachloroethene	10.63	164	85740	18.924	ug/l	97
65) Chlorobenzene	11.44	112	212168	18.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	80233	19.451	ug/l	98
67) Ethyl Benzene	11.51	91	381454	19.046	ug/l	100
68) m/p-Xylenes	11.62	106	279258	38.505	ug/l	100
69) o-Xylene	11.95	106	136745	19.467	ug/l	97
70) Styrene	11.96	104	222467	19.565	ug/l	97
71) Bromoform	12.13	173	50074	21.179	ug/l #	100
73) Isopropylbenzene	12.25	105	368351	18.940	ug/l	99
74) N-amyl acetate	12.07	43	121568	22.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	105316	20.237	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	92219m	23.399	ug/l	
77) Bromobenzene	12.53	156	90239	18.611	ug/l	98
78) n-propylbenzene	12.59	91	392335	18.671	ug/l	100
79) 2-Chlorotoluene	12.67	91	247352	18.873	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	296608	18.898	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19857	20.147	ug/l	94
82) 4-Chlorotoluene	12.77	91	233281	19.078	ug/l	99
83) tert-Butylbenzene	12.99	119	255093	19.245	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	283528	19.062	ug/l	100
85) sec-Butylbenzene	13.17	105	318506	18.858	ug/l	99
86) p-Isopropyltoluene	13.29	119	273900	18.902	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	140923	19.122	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	134271	19.106	ug/l	99
89) n-Butylbenzene	13.61	91	195648	18.188	ug/l	100
90) Hexachloroethane	13.87	117	45128	19.141	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	143363	19.334	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13646	21.294	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50528	16.905	ug/l	99
94) Hexachlorobutadiene	15.01	225	44772	19.549	ug/l	97
95) Naphthalene	15.13	128	120044	17.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	54411	19.021	ug/l	100

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

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