

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053748.D
 Acq On : 13 Feb 2019 12:07
 Operator : JC/SP
 Sample : VN0213WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 10:39:08 AM

Quant Time: Feb 14 00:41:52 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	636853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	949361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	827296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	393963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	324347	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	7.59	113	309818	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.09	98	1142356	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	382873	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	112745	15.935	ug/l	100
3) Chloromethane	2.06	50	116302	15.382	ug/l	100
4) Vinyl Chloride	2.19	62	126172	17.191	ug/l	99
5) Bromomethane	2.57	94	90034	18.761	ug/l	100
6) Chloroethane	2.71	64	81702	19.480	ug/l	100
7) Trichlorofluoromethane	3.02	101	182572	18.344	ug/l	98
8) Diethyl Ether	3.41	74	62455	17.182	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	112637	18.299	ug/l	98
10) Methyl Iodide	3.96	142	137098	14.190	ug/l	99
11) Tert butyl alcohol	4.78	59	30585	80.889	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	98998	16.787	ug/l	98
13) Acrolein	3.61	56	11671	56.693	ug/l	92
14) Allyl chloride	4.33	41	145799	15.527	ug/l	98
15) Acrylonitrile	4.99	53	174991	85.729	ug/l	98
16) Acetone	3.81	43	156909	95.749	ug/l	99
17) Carbon Disulfide	4.06	76	262087	14.272	ug/l	100
18) Methyl Acetate	4.33	43	89796	18.502	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	250023	16.724	ug/l	99
20) Methylene Chloride	4.55	84	110591	16.085	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	100034	15.722	ug/l	95
22) Diisopropyl ether	5.95	45	281473	16.178	ug/l	93
23) Vinyl Acetate	5.90	43	948201	78.779	ug/l	99
24) 1,1-Dichloroethane	5.85	63	192758	16.610	ug/l	98
25) 2-Butanone	6.84	43	193510	82.795	ug/l	98
26) 2,2-Dichloropropane	6.82	77	146346	16.520	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	116697	16.495	ug/l	97
28) Bromochloromethane	7.19	49	100645	19.985	ug/l	95
29) Tetrahydrofuran	7.21	42	122314	81.499	ug/l	96
30) Chloroform	7.37	83	192270	16.714	ug/l	98
31) Cyclohexane	7.65	56	167026	15.341	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	159592	16.670	ug/l	99
36) 1,1-Dichloropropene	7.79	75	138153	16.143	ug/l	97
37) Ethyl Acetate	6.93	43	82700	17.303	ug/l	98
38) Carbon Tetrachloride	7.77	117	143813	16.681	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	158944	15.655	ug/l	99
40) Benzene	8.04	78	440698	16.699	ug/l	99
41) Methacrylonitrile	7.17	41	34810	13.031	ug/l #	72
42) 1,2-Dichloroethane	8.12	62	130989	16.717	ug/l	98
43) Isopropyl Acetate	8.17	43	143361	15.531	ug/l #	86
44) Trichloroethene	8.84	130	122421	16.294	ug/l	98
45) 1,2-Dichloropropane	9.12	63	114783	17.005	ug/l	99
46) Dibromomethane	9.21	93	69185	17.003	ug/l	97
47) Bromodichloromethane	9.40	83	144585	17.090	ug/l	98
48) Methyl methacrylate	9.20	41	72380	16.427	ug/l	99
49) 1,4-Dioxane	9.20	88	21262	359.106	ug/l #	94
51) 4-Methyl-2-Pentanone	9.99	43	376682	83.045	ug/l	100
52) Toluene	10.16	92	265661	16.962	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	136534	16.117	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	165277	16.464	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	99907	17.702	ug/l	98
56) Ethyl methacrylate	10.43	69	107943	16.167	ug/l	96
57) 1,3-Dichloropropane	10.71	76	164379	17.042	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	299128	77.935	ug/l	99
59) 2-Hexanone	10.75	43	245142	79.610	ug/l	100
60) Dibromochloromethane	10.90	129	108683	17.077	ug/l	98
61) 1,2-Dibromoethane	11.01	107	92566	16.571	ug/l	100
64) Tetrachloroethene	10.63	164	120299	16.963	ug/l	99
65) Chlorobenzene	11.43	112	294591	16.764	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	108743	17.719	ug/l	98
67) Ethyl Benzene	11.51	91	477495	16.542	ug/l	100
68) m/p-Xylenes	11.62	106	380770	34.561	ug/l	97
69) o-Xylene	11.95	106	181533	17.055	ug/l	99
70) Styrene	11.96	104	292319	16.944	ug/l	99
71) Bromoform	12.13	173	73080	17.369	ug/l #	100
73) Isopropylbenzene	12.25	105	488263	17.630	ug/l	100
74) N-amyl acetate	12.07	43	108504	16.293	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	113027	17.053	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	93871m	18.551	ug/l	
77) Bromobenzene	12.53	156	128207	17.177	ug/l	97
78) n-propylbenzene	12.59	91	556525	17.383	ug/l	100
79) 2-Chlorotoluene	12.68	91	331471	17.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	417372	18.173	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28183	15.661	ug/l	98
82) 4-Chlorotoluene	12.77	91	337274	17.304	ug/l	100
83) tert-Butylbenzene	12.99	119	371143	18.285	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	420821	17.985	ug/l	100
85) sec-Butylbenzene	13.17	105	506678	18.344	ug/l	99
86) p-Isopropyltoluene	13.29	119	436964	18.088	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	225820	16.830	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	222019	16.728	ug/l	99
89) n-Butylbenzene	13.62	91	355427	16.998	ug/l	99
90) Hexachloroethane	13.88	117	74413	18.675	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	222286	17.305	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16142	17.088	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	115222	15.640	ug/l	98
94) Hexachlorobutadiene	15.01	225	88797	19.354	ug/l	99
95) Naphthalene	15.13	128	209137	13.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	111579	16.323	ug/l	98

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

