

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054340.D
 Acq On : 16 Mar 2019 16:46
 Operator : JC/SP
 Sample : VN0316WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2019 11:30:45 AM

Quant Time: Mar 18 06:02:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1202549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1881809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1622947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	718467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	684221	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	7.59	113	628478	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	10.09	98	2221644	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.40	95	729512	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	250567	21.985	ug/l	99
3) Chloromethane	2.06	50	229463	20.727	ug/l	100
4) Vinyl Chloride	2.19	62	270321	21.363	ug/l	99
5) Bromomethane	2.57	94	180232	20.566	ug/l	98
6) Chloroethane	2.71	64	162855	21.271	ug/l	99
7) Trichlorofluoromethane	3.02	101	355626	21.139	ug/l	99
8) Diethyl Ether	3.41	74	181851	23.720	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	287044	22.769	ug/l	99
10) Methyl Iodide	3.94	142	382108	22.201	ug/l	100
11) Tert butyl alcohol	4.82	59	82593	94.336	ug/l	99
12) 1,1-Dichloroethene	3.73	96	279869	22.402	ug/l	98
13) Acrolein	3.61	56	77012	92.827	ug/l	97
14) Allyl chloride	4.32	41	330941	20.646	ug/l	100
15) Acrylonitrile	4.99	53	416047	115.686	ug/l	100
16) Acetone	3.82	43	314241	85.937	ug/l	99
17) Carbon Disulfide	4.04	76	546434	17.448	ug/l	99
18) Methyl Acetate	4.33	43	195064	26.367	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	693629	22.399	ug/l	98
20) Methylene Chloride	4.55	84	266309	22.180	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	255836	21.373	ug/l	99
22) Diisopropyl ether	5.96	45	726706	22.716	ug/l	97
23) Vinyl Acetate	5.90	43	2496910	105.858	ug/l	100
24) 1,1-Dichloroethane	5.85	63	460617	22.424	ug/l	98
25) 2-Butanone	6.85	43	473301	110.280	ug/l	100
26) 2,2-Dichloropropane	6.82	77	312823	17.318	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	300382	22.494	ug/l	98
28) Bromochloromethane	7.19	49	184124	21.926	ug/l	99
29) Tetrahydrofuran	7.22	42	309389	112.119	ug/l	98
30) Chloroform	7.37	83	490247	22.872	ug/l	99
31) Cyclohexane	7.65	56	408935	20.571	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	414752	21.425	ug/l	99
36) 1,1-Dichloropropene	7.79	75	360348	20.793	ug/l	99
37) Ethyl Acetate	6.94	43	208336	20.922	ug/l	99
38) Carbon Tetrachloride	7.77	117	362950	19.971	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	399821	18.751	ug/l	98
40) Benzene	8.04	78	1077443	21.727	ug/l	99
41) Methacrylonitrile	7.18	41	111896	19.681	ug/l	95
42) 1,2-Dichloroethane	8.13	62	365289	21.818	ug/l	100
43) Isopropyl Acetate	8.17	43	342835	19.615	ug/l	99
44) Trichloroethene	8.84	130	320850	20.827	ug/l	99
45) 1,2-Dichloropropane	9.12	63	268589	21.812	ug/l	98
46) Dibromomethane	9.21	93	180246	21.664	ug/l	97
47) Bromodichloromethane	9.40	83	352107	21.110	ug/l	99
48) Methyl methacrylate	9.20	41	188370	21.237	ug/l	99
49) 1,4-Dioxane	9.20	88	54503	434.413	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1009526	109.143	ug/l	100
52) Toluene	10.16	92	666906	21.209	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	298844	17.029	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	376215	19.356	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	254532	22.169	ug/l	98
56) Ethyl methacrylate	10.43	69	277238	20.251	ug/l	99
57) 1,3-Dichloropropane	10.71	76	406722	21.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	533750	100.645	ug/l	98
59) 2-Hexanone	10.75	43	621763	101.023	ug/l	99
60) Dibromochloromethane	10.90	129	264623	20.477	ug/l	97
61) 1,2-Dibromoethane	11.00	107	249835	21.413	ug/l	99
64) Tetrachloroethene	10.63	164	331304	21.114	ug/l	98
65) Chlorobenzene	11.43	112	765017	21.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	278326	21.500	ug/l	99
67) Ethyl Benzene	11.51	91	1247237	21.114	ug/l	99
68) m/p-Xylenes	11.62	106	976888	42.311	ug/l	99
69) o-Xylene	11.95	106	487188	21.646	ug/l	98
70) Styrene	11.96	104	735513	20.837	ug/l	98
71) Bromoform	12.13	173	162820	18.074	ug/l	99
73) Isopropylbenzene	12.25	105	1268022	22.060	ug/l	100
74) N-amyl acetate	12.07	43	264103	20.699	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	281773	23.008	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	262890m	24.882	ug/l	
77) Bromobenzene	12.53	156	332950	21.889	ug/l	98
78) n-propylbenzene	12.59	91	1327293	21.280	ug/l	100
79) 2-Chlorotoluene	12.67	91	830859	22.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1029161	21.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44250	14.317	ug/l #	79
82) 4-Chlorotoluene	12.77	91	801452	21.402	ug/l	99
83) tert-Butylbenzene	12.99	119	948902	21.562	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1013699	21.611	ug/l	99
85) sec-Butylbenzene	13.17	105	1179842	20.672	ug/l	100
86) p-Isopropyltoluene	13.29	119	1018169	20.335	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	547652	21.367	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	525526	20.872	ug/l	99
89) n-Butylbenzene	13.61	91	706612	18.573	ug/l	100
90) Hexachloroethane	13.87	117	153127	18.469	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	559076	22.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39836	21.020	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	236601	17.370	ug/l	100
94) Hexachlorobutadiene	15.01	225	163860	17.169	ug/l	98
95) Naphthalene	15.13	128	519858	18.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	251437	18.887	ug/l	99

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

