

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056382.D
 Acq On : 19 Jun 2019 13:22
 Operator : JC/SP
 Sample : VN0619WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 10:52:16 PM

Quant Time: Jun 21 04:05:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	362547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	570258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	206343	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	7.59	113	176989	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.09	98	677850	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	217102	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	64958	21.160	ug/l	98
3) Chloromethane	2.06	50	82792	19.807	ug/l	99
4) Vinyl Chloride	2.18	62	82636	20.469	ug/l	99
5) Bromomethane	2.54	94	54753m	23.134	ug/l	
6) Chloroethane	2.69	64	48242	20.634	ug/l	100
7) Trichlorofluoromethane	3.00	101	105771	20.254	ug/l	96
8) Diethyl Ether	3.41	74	44323	20.054	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	66799	20.058	ug/l	99
10) Methyl Iodide	3.95	142	82778	18.390	ug/l	100
11) Tert butyl alcohol	4.80	59	75643	111.773	ug/l	98
12) 1,1-Dichloroethene	3.73	96	63679	19.883	ug/l	99
13) Acrolein	3.61	56	55072	96.553	ug/l	99
14) Allyl chloride	4.32	41	104986	19.692	ug/l	97
15) Acrylonitrile	4.99	53	188509	100.686	ug/l	99
16) Acetone	3.82	43	184101	91.449	ug/l	100
17) Carbon Disulfide	4.05	76	139456	19.144	ug/l	100
18) Methyl Acetate	4.33	43	82927	20.520	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	214324	20.224	ug/l	99
20) Methylene Chloride	4.55	84	78388	20.123	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	69785	20.210	ug/l	98
22) Diisopropyl ether	5.95	45	226042	20.189	ug/l	100
23) Vinyl Acetate	5.90	43	922020	104.407	ug/l	99
24) 1,1-Dichloroethane	5.85	63	129221	20.106	ug/l	100
25) 2-Butanone	6.84	43	261646	98.200	ug/l	99
26) 2,2-Dichloropropane	6.83	77	85037	19.024	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	82743	20.482	ug/l	99
28) Bromochloromethane	7.20	49	66813	21.017	ug/l	100
29) Tetrahydrofuran	7.21	42	169670	104.205	ug/l	99
30) Chloroform	7.37	83	128203	20.215	ug/l	99
31) Cyclohexane	7.65	56	123225	19.860	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	101767	20.244	ug/l	99
36) 1,1-Dichloropropene	7.79	75	95416	19.010	ug/l	99
37) Ethyl Acetate	6.93	43	100278	20.329	ug/l	98
38) Carbon Tetrachloride	7.77	117	83194	18.954	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	117809	19.022	ug/l	97
40) Benzene	8.04	78	307470	19.915	ug/l	98
41) Methacrylonitrile	7.18	41	43025	19.753	ug/l	96
42) 1,2-Dichloroethane	8.12	62	99049	19.439	ug/l	100
43) Isopropyl Acetate	8.17	43	146832	19.305	ug/l	98
44) Trichloroethene	8.83	130	81182	19.520	ug/l	98
45) 1,2-Dichloropropane	9.12	63	81543	19.749	ug/l	99
46) Dibromomethane	9.21	93	51679	20.005	ug/l	99
47) Bromodichloromethane	9.40	83	89700	19.578	ug/l	99
48) Methyl methacrylate	9.20	41	72219	18.947	ug/l	97
49) 1,4-Dioxane	9.20	88	29524	373.259	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	486772	99.155	ug/l	100
52) Toluene	10.16	92	189294	20.054	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	89258	18.651	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	108428	19.652	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	74301	19.583	ug/l	97
56) Ethyl methacrylate	10.43	69	111215	20.057	ug/l	99
57) 1,3-Dichloropropane	10.71	76	126049	19.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	178512	89.613	ug/l	100
59) 2-Hexanone	10.75	43	343371	95.166	ug/l	100
60) Dibromochloromethane	10.90	129	66781	18.690	ug/l	98
61) 1,2-Dibromoethane	11.00	107	77179	19.916	ug/l	99
64) Tetrachloroethene	10.63	164	77721	19.851	ug/l	98
65) Chlorobenzene	11.43	112	195854	19.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	67201	20.015	ug/l	98
67) Ethyl Benzene	11.51	91	343797	19.710	ug/l	99
68) m/p-Xylenes	11.62	106	254422	39.801	ug/l	98
69) o-Xylene	11.95	106	124808	19.735	ug/l	99
70) Styrene	11.96	104	201941	19.977	ug/l	99
71) Bromoform	12.13	173	43479	18.186	ug/l #	99
73) Isopropylbenzene	12.25	105	334135	22.977	ug/l	99
74) N-amyl acetate	12.07	43	116736	20.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	103984	22.891	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	84220m	22.305	ug/l	
77) Bromobenzene	12.53	156	83298	20.458	ug/l	98
78) n-propylbenzene	12.59	91	342802	20.557	ug/l	100
79) 2-Chlorotoluene	12.67	91	216418	22.264	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	267887	22.115	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20004	18.830	ug/l	91
82) 4-Chlorotoluene	12.77	91	196440	19.951	ug/l	100
83) tert-Butylbenzene	12.99	119	239918	22.508	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	255316	20.827	ug/l	100
85) sec-Butylbenzene	13.17	105	303461	20.704	ug/l	100
86) p-Isopropyltoluene	13.29	119	258630	20.561	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	122981	19.930	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	116811	19.547	ug/l	98
89) n-Butylbenzene	13.61	91	175310	18.410	ug/l	99
90) Hexachloroethane	13.87	117	39042	19.908	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	125301	20.467	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13739	20.391	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	41008	17.033	ug/l	98
94) Hexachlorobutadiene	15.01	225	45934	21.053	ug/l	100
95) Naphthalene	15.13	128	118297	17.953	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51135	18.573	ug/l	97

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

