

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056475.D
 Acq On : 25 Jun 2019 10:49
 Operator : JC/SP
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 9:28:22 AM

Quant Time: Jun 26 04:09:43 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	364346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	569814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	203066	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	178983	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.09	98	675349	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.40	95	215879	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	62928	20.397	ug/l	97
3) Chloromethane	2.06	50	79693	18.971	ug/l	99
4) Vinyl Chloride	2.18	62	79517	19.599	ug/l	98
5) Bromomethane	2.53	94	49837m	20.953	ug/l	
6) Chloroethane	2.68	64	46655	19.857	ug/l	99
7) Trichlorofluoromethane	3.00	101	102938	19.614	ug/l	95
8) Diethyl Ether	3.41	74	44362	19.973	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67553	20.184	ug/l	99
10) Methyl Iodide	3.95	142	86449	19.111	ug/l	99
11) Tert butyl alcohol	4.80	59	82617	121.475	ug/l	97
12) 1,1-Dichloroethene	3.73	96	63859	19.841	ug/l	94
13) Acrolein	3.60	56	43419	75.747	ug/l	98
14) Allyl chloride	4.32	41	107904	20.140	ug/l	99
15) Acrylonitrile	4.99	53	193558	102.872	ug/l	99
16) Acetone	3.82	43	199258	98.490	ug/l	97
17) Carbon Disulfide	4.05	76	129498	17.690	ug/l	98
18) Methyl Acetate	4.33	43	87238	21.522	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	220981	20.749	ug/l	97
20) Methylene Chloride	4.55	84	77872	19.882	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	67593	19.479	ug/l	94
22) Diisopropyl ether	5.95	45	234051	20.801	ug/l	98
23) Vinyl Acetate	5.90	43	941691	106.108	ug/l	99
24) 1,1-Dichloroethane	5.85	63	131099	20.297	ug/l	99
25) 2-Butanone	6.84	43	272755	101.864	ug/l	100
26) 2,2-Dichloropropane	6.82	77	92929	20.686	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	83559	20.582	ug/l	99
28) Bromochloromethane	7.19	49	65711	20.568	ug/l	99
29) Tetrahydrofuran	7.22	42	172517	105.430	ug/l	100
30) Chloroform	7.37	83	133086	20.881	ug/l	97
31) Cyclohexane	7.65	56	120693	19.355	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	105687	20.920	ug/l	98
36) 1,1-Dichloropropene	7.79	75	92386	18.420	ug/l	98
37) Ethyl Acetate	6.93	43	104230	21.147	ug/l	99
38) Carbon Tetrachloride	7.77	117	85141	19.413	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	117553	18.995	ug/l	98
40) Benzene	8.04	78	300705	19.492	ug/l	97
41) Methacrylonitrile	7.17	41	40808	18.750	ug/l	92
42) 1,2-Dichloroethane	8.12	62	100817	19.802	ug/l	99
43) Isopropyl Acetate	8.17	43	154586	20.340	ug/l	99
44) Trichloroethene	8.83	130	81538	19.621	ug/l	98
45) 1,2-Dichloropropane	9.12	63	81991	19.873	ug/l	97
46) Dibromomethane	9.21	93	52920	20.501	ug/l	99
47) Bromodichloromethane	9.40	83	93397	20.401	ug/l	96
48) Methyl methacrylate	9.20	41	74045	19.442	ug/l	98
49) 1,4-Dioxane	9.20	88	33958	429.651	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	496561	101.228	ug/l	99
52) Toluene	10.16	92	185462	19.663	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	94714	19.627	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	113607	20.607	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	76839	20.267	ug/l	99
56) Ethyl methacrylate	10.43	69	110982	20.031	ug/l	99
57) 1,3-Dichloropropane	10.71	76	128253	20.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	173228	87.029	ug/l	99
59) 2-Hexanone	10.75	43	358700	99.492	ug/l	99
60) Dibromochloromethane	10.90	129	70631	19.643	ug/l	99
61) 1,2-Dibromoethane	11.00	107	78220	20.201	ug/l	99
64) Tetrachloroethene	10.63	164	76587	19.739	ug/l	99
65) Chlorobenzene	11.43	112	197931	20.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	71504	21.490	ug/l	98
67) Ethyl Benzene	11.51	91	343518	19.872	ug/l	100
68) m/p-Xylenes	11.62	106	255081	40.265	ug/l	100
69) o-Xylene	11.95	106	127225	20.299	ug/l	98
70) Styrene	11.96	104	202450	20.208	ug/l	99
71) Bromoform	12.13	173	48174	19.961	ug/l #	97
73) Isopropylbenzene	12.25	105	340796	23.470	ug/l	100
74) N-amyl acetate	12.07	43	124967	21.545	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	105079	23.144	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	85332m	22.580	ug/l	
77) Bromobenzene	12.53	156	85111	20.885	ug/l	98
78) n-propylbenzene	12.59	91	350295	20.988	ug/l	98
79) 2-Chlorotoluene	12.67	91	218275	22.457	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	273775	22.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	23314	21.927	ug/l	99
82) 4-Chlorotoluene	12.77	91	201218	20.419	ug/l	100
83) tert-Butylbenzene	12.99	119	243128	22.826	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	256528	20.908	ug/l	100
85) sec-Butylbenzene	13.17	105	311623	21.243	ug/l	100
86) p-Isopropyltoluene	13.29	119	261941	20.807	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	125482	20.319	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	119753	20.022	ug/l	100
89) n-Butylbenzene	13.61	91	181127	19.005	ug/l	99
90) Hexachloroethane	13.87	117	41597	21.193	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	126571	20.657	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14008	20.772	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	41383	17.127	ug/l	99
94) Hexachlorobutadiene	15.01	225	48381	22.258	ug/l	99
95) Naphthalene	15.13	128	119071	18.025	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50805	18.471	ug/l	96

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

