

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056384.D
 Acq On : 19 Jun 2019 14:09
 Operator : JC/SP
 Sample : VN0619WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2019 1:01:43 AM

Quant Time: Jun 21 13:54:00 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	366136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	572959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	211622	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.59	113	180975	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.09	98	699021	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	219039	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	64303	20.741	ug/l	98
3) Chloromethane	2.06	50	84909	20.114	ug/l	99
4) Vinyl Chloride	2.18	62	84454	20.714	ug/l	98
5) Bromomethane	2.53	94	50057	20.942	ug/l	97
6) Chloroethane	2.68	64	48528	20.553	ug/l	99
7) Trichlorofluoromethane	3.00	101	107037	20.295	ug/l	100
8) Diethyl Ether	3.41	74	45945	20.584	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	66971	19.912	ug/l	98
10) Methyl Iodide	3.95	142	87358	19.218	ug/l	99
11) Tert butyl alcohol	4.79	59	80456	117.719	ug/l	98
12) 1,1-Dichloroethene	3.73	96	65955	20.392	ug/l	95
13) Acrolein	3.61	56	56499	98.084	ug/l	97
14) Allyl chloride	4.32	41	108069	20.072	ug/l	99
15) Acrylonitrile	4.99	53	194307	102.765	ug/l	99
16) Acetone	3.82	43	183517	90.266	ug/l	99
17) Carbon Disulfide	4.05	76	139967	19.026	ug/l	98
18) Methyl Acetate	4.33	43	84065	20.601	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	218242	20.392	ug/l	99
20) Methylene Chloride	4.55	84	79803	20.293	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	70780	20.297	ug/l	98
22) Diisopropyl ether	5.95	45	229709	20.315	ug/l	98
23) Vinyl Acetate	5.90	43	935600	104.907	ug/l	100
24) 1,1-Dichloroethane	5.85	63	130655	20.129	ug/l	98
25) 2-Butanone	6.84	43	264582	98.329	ug/l	99
26) 2,2-Dichloropropane	6.82	77	84328	18.680	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	84747	20.772	ug/l	100
28) Bromochloromethane	7.19	49	69175	21.547	ug/l	99
29) Tetrahydrofuran	7.21	42	175269	106.589	ug/l	98
30) Chloroform	7.37	83	130786	20.420	ug/l	99
31) Cyclohexane	7.65	56	126762	20.229	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	102814	20.252	ug/l	99
36) 1,1-Dichloropropene	7.79	75	98072	19.447	ug/l	99
37) Ethyl Acetate	6.93	43	103843	20.953	ug/l	98
38) Carbon Tetrachloride	7.77	117	83917	19.029	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	116915	18.788	ug/l	97
40) Benzene	8.04	78	307793	19.842	ug/l	100
41) Methacrylonitrile	7.18	41	39852m	18.210	ug/l	
42) 1,2-Dichloroethane	8.12	62	100652	19.661	ug/l	99
43) Isopropyl Acetate	8.17	43	149255	19.531	ug/l	93
44) Trichloroethene	8.84	130	82664	19.782	ug/l	100
45) 1,2-Dichloropropane	9.12	63	82942	19.993	ug/l	100
46) Dibromomethane	9.21	93	52749	20.323	ug/l	99
47) Bromodichloromethane	9.40	83	90248	19.605	ug/l	100
48) Methyl methacrylate	9.20	41	72855	19.024	ug/l	98
49) 1,4-Dioxane	9.20	88	31350	394.476	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	496076	100.574	ug/l	100
52) Toluene	10.16	92	188445	19.870	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	88728	18.483	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	110259	19.890	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	75988	19.933	ug/l	98
56) Ethyl methacrylate	10.43	69	110478	19.830	ug/l	99
57) 1,3-Dichloropropane	10.71	76	129821	20.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	182806	91.336	ug/l	100
59) 2-Hexanone	10.75	43	349322	96.359	ug/l	100
60) Dibromochloromethane	10.90	129	67923	18.890	ug/l	99
61) 1,2-Dibromoethane	11.00	107	77808	19.984	ug/l	99
64) Tetrachloroethene	10.63	164	78588	19.993	ug/l	98
65) Chlorobenzene	11.43	112	198853	19.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	69008	20.472	ug/l	100
67) Ethyl Benzene	11.51	91	348567	19.904	ug/l	100
68) m/p-Xylenes	11.62	106	254522	39.658	ug/l	98
69) o-Xylene	11.95	106	127560	20.090	ug/l	99
70) Styrene	11.96	104	202016	19.905	ug/l	98
71) Bromoform	12.13	173	45008	18.653	ug/l #	98
73) Isopropylbenzene	12.25	105	339728	23.133	ug/l	100
74) N-amyl acetate	12.07	43	118104	20.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	106348	23.204	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	85996m	22.536	ug/l	
77) Bromobenzene	12.53	156	84296	20.485	ug/l	98
78) n-propylbenzene	12.59	91	345173	20.481	ug/l	99
79) 2-Chlorotoluene	12.67	91	219362	22.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	269654	22.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20749	19.325	ug/l	95
82) 4-Chlorotoluene	12.77	91	198290	19.927	ug/l	99
83) tert-Butylbenzene	12.99	119	241396	22.395	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	258045	20.828	ug/l	100
85) sec-Butylbenzene	13.17	105	306893	20.718	ug/l	99
86) p-Isopropyltoluene	13.29	119	261755	20.590	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	123945	19.875	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	117250	19.414	ug/l	99
89) n-Butylbenzene	13.61	91	178449	18.543	ug/l	100
90) Hexachloroethane	13.87	117	38862	19.608	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	128123	20.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13709	20.132	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42360	17.285	ug/l	99
94) Hexachlorobutadiene	15.01	225	46084	20.885	ug/l	99
95) Naphthalene	15.13	128	120731	18.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50604	18.280	ug/l	100

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

