

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056359.D
 Acq On : 18 Jun 2019 12:33
 Operator : JC/SP
 Sample : VN0618WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/19/2019 12:19:49 PM

Quant Time: Jun 19 02:32:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	354929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	549073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	487152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	215518	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
35) Dibromofluoromethane	7.59	113	182584	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.09	98	705082	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.40	95	224672	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	64242	20.587	ug/l	97
3) Chloromethane	2.06	50	82959	19.827	ug/l	99
4) Vinyl Chloride	2.18	62	83193	20.231	ug/l	100
5) Bromomethane	2.54	94	53257m	22.265	ug/l	
6) Chloroethane	2.69	64	47733	20.042	ug/l	99
7) Trichlorofluoromethane	3.01	101	103751	19.756	ug/l	99
8) Diethyl Ether	3.40	74	42763	20.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	66528	19.587	ug/l	99
10) Methyl Iodide	3.94	142	87236	20.069	ug/l	100
11) Tert butyl alcohol	4.82	59	60818	96.847	ug/l	96
12) 1,1-Dichloroethene	3.72	96	64009	19.433	ug/l	98
13) Acrolein	3.60	56	17675	100.272	ug/l	99
14) Allyl chloride	4.31	41	104422	18.904	ug/l	97
15) Acrylonitrile	4.99	53	185738	103.488	ug/l	98
16) Acetone	3.82	43	183155	83.056	ug/l	100
17) Carbon Disulfide	4.04	76	139874	15.870	ug/l	96
18) Methyl Acetate	4.33	43	82592	20.432	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	208766	20.782	ug/l	100
20) Methylene Chloride	4.55	84	77343	19.862	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	70631	20.160	ug/l	98
22) Diisopropyl ether	5.96	45	222428	20.484	ug/l	99
23) Vinyl Acetate	5.90	43	906549	102.614	ug/l	98
24) 1,1-Dichloroethane	5.85	63	127703	20.059	ug/l	98
25) 2-Butanone	6.84	43	256475	95.955	ug/l	99
26) 2,2-Dichloropropane	6.82	77	79286	17.222	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	82174	20.250	ug/l	98
28) Bromochloromethane	7.19	49	66909	20.987	ug/l	98
29) Tetrahydrofuran	7.22	42	167409	105.442	ug/l	98
30) Chloroform	7.37	83	126584	19.960	ug/l	99
31) Cyclohexane	7.65	56	121906	19.819	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	100621	19.155	ug/l	99
36) 1,1-Dichloropropene	7.79	75	93395	18.902	ug/l	99
37) Ethyl Acetate	6.93	43	97951	20.919	ug/l	99
38) Carbon Tetrachloride	7.77	117	82781	17.455	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	117252	19.455	ug/l	99
40) Benzene	8.04	78	298051	19.885	ug/l	98
41) Methacrylonitrile	7.18	41	39076	18.174	ug/l #	82
42) 1,2-Dichloroethane	8.12	62	100414	20.429	ug/l	98
43) Isopropyl Acetate	8.17	43	145477	19.422	ug/l	99
44) Trichloroethene	8.83	130	80100	19.651	ug/l	99
45) 1,2-Dichloropropane	9.12	63	80315	20.275	ug/l	99
46) Dibromomethane	9.21	93	51439	19.541	ug/l	100
47) Bromodichloromethane	9.40	83	88207	17.539	ug/l	97
48) Methyl methacrylate	9.20	41	73871	19.547	ug/l	98
49) 1,4-Dioxane	9.21	88	28434	372.982	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	476251	99.762	ug/l	100
52) Toluene	10.16	92	181874	19.880	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	85924	17.207	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	104774	18.191	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	75228	20.008	ug/l	99
56) Ethyl methacrylate	10.43	69	107507	19.882	ug/l	98
57) 1,3-Dichloropropane	10.71	76	124757	19.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	201245	109.054	ug/l	98
59) 2-Hexanone	10.75	43	340876	96.279	ug/l	99
60) Dibromochloromethane	10.90	129	66071	16.755	ug/l	99
61) 1,2-Dibromoethane	11.00	107	76655	19.834	ug/l	99
64) Tetrachloroethene	10.63	164	78182	19.570	ug/l	98
65) Chlorobenzene	11.43	112	193767	19.592	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	66468	18.002	ug/l	100
67) Ethyl Benzene	11.51	91	337311	19.814	ug/l	99
68) m/p-Xylenes	11.62	106	251434	39.682	ug/l	99
69) o-Xylene	11.95	106	123374	19.753	ug/l	98
70) Styrene	11.96	104	198757	19.710	ug/l	99
71) Bromoform	12.13	173	42558	14.831	ug/l #	100
73) Isopropylbenzene	12.25	105	326620	21.183	ug/l	100
74) N-amyl acetate	12.07	43	115908	19.623	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	104792	21.807	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	88673m	22.080	ug/l	
77) Bromobenzene	12.53	156	83915	20.666	ug/l	99
78) n-propylbenzene	12.59	91	343203	20.342	ug/l	100
79) 2-Chlorotoluene	12.67	91	214500	20.999	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	264714	20.187	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19309	14.938	ug/l #	82
82) 4-Chlorotoluene	12.77	91	198280	20.020	ug/l	100
83) tert-Butylbenzene	12.99	119	234085	21.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	256104	20.973	ug/l	99
85) sec-Butylbenzene	13.17	105	299439	20.235	ug/l	100
86) p-Isopropyltoluene	13.29	119	257058	20.294	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	127200	19.882	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	120620	19.621	ug/l	99
89) n-Butylbenzene	13.61	91	179639	18.969	ug/l	99
90) Hexachloroethane	13.87	117	37912	15.925	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	127350	20.328	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13886	17.097	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	46345	18.021	ug/l	97
94) Hexachlorobutadiene	15.01	225	45755	19.858	ug/l	97
95) Naphthalene	15.13	128	126785	18.030	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	53755	18.367	ug/l	100

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

