

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058178.D
 Acq On : 18 Sep 2019 21:18
 Operator : JC/SP
 Sample : VN0918WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 1:44:05 PM

Quant Time: Sep 19 18:38:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	510066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	861529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	782134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	370797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	373334	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	7.58	113	268242	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.08	98	1076874	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.40	95	380107	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	86421	20.625	ug/l	100
3) Chloromethane	2.04	50	72879	21.986	ug/l	99
4) Vinyl Chloride	2.17	62	75969	20.984	ug/l	99
5) Bromomethane	2.55	94	38424	20.978	ug/l	96
6) Chloroethane	2.69	64	49336	20.784	ug/l	97
7) Trichlorofluoromethane	3.00	101	111856	19.558	ug/l	100
8) Diethyl Ether	3.39	74	50039	19.095	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.74	101	79527	19.286	ug/l	97
10) Methyl Iodide	3.93	142	68828	19.920	ug/l	99
11) Tert butyl alcohol	4.75	59	90841	107.496	ug/l	99
12) 1,1-Dichloroethene	3.72	96	66081	20.910	ug/l	100
13) Acrolein	3.59	56	19904	158.933	ug/l	97
14) Allyl chloride	4.30	41	117006	17.341	ug/l	91
15) Acrylonitrile	4.96	53	240847	106.972	ug/l	99
16) Acetone	3.80	43	210326	87.219	ug/l	97
17) Carbon Disulfide	4.03	76	81235	18.613	ug/l	97
18) Methyl Acetate	4.30	43	130752	20.606	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	324253	20.849	ug/l	98
20) Methylene Chloride	4.53	84	93559	22.036	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	71791	20.818	ug/l	94
22) Diisopropyl ether	5.93	45	349897	20.414	ug/l	92
23) Vinyl Acetate	5.87	43	1249284	106.521	ug/l	100
24) 1,1-Dichloroethane	5.83	63	185053	20.229	ug/l	100
25) 2-Butanone	6.81	43	329761	100.374	ug/l	99
26) 2,2-Dichloropropane	6.81	77	124117	15.993	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	105262	20.350	ug/l	96
28) Bromochloromethane	7.18	49	91992	21.257	ug/l #	99
29) Tetrahydrofuran	7.19	42	207941	102.754	ug/l	99
30) Chloroform	7.36	83	199538	20.264	ug/l	99
31) Cyclohexane	7.64	56	129709	20.512	ug/l	90
32) 1,1,1-Trichloroethane	7.55	97	152659	20.365	ug/l	99
36) 1,1-Dichloropropene	7.78	75	115170	18.537	ug/l	99
37) Ethyl Acetate	6.91	43	132371	20.530	ug/l	99
38) Carbon Tetrachloride	7.76	117	120808	19.344	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	117047	19.528	ug/l	98
40) Benzene	8.03	78	374064	19.712	ug/l	99
41) Methacrylonitrile	7.16	41	62865	19.912	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	158313	19.882	ug/l	99
43) Isopropyl Acetate	8.15	43	250887	20.835	ug/l	99
44) Trichloroethene	8.82	130	91026	19.602	ug/l	99
45) 1,2-Dichloropropane	9.11	63	114656	20.232	ug/l	93
46) Dibromomethane	9.20	93	70051	20.331	ug/l	99
47) Bromodichloromethane	9.40	83	145315	20.132	ug/l	98
48) Methyl methacrylate	9.19	41	110943	20.292	ug/l	98
49) 1,4-Dioxane	9.19	88	37925	422.494	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	736750	115.189	ug/l	99
52) Toluene	10.15	92	237547	19.974	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	147361	19.930	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	156453	19.165	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	111717	21.168	ug/l	99
56) Ethyl methacrylate	10.43	69	158860	20.862	ug/l	99
57) 1,3-Dichloropropane	10.71	76	189675	20.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	379038	104.501	ug/l	99
59) 2-Hexanone	10.75	43	520700	109.616	ug/l	99
60) Dibromochloromethane	10.90	129	100647	19.823	ug/l	98
61) 1,2-Dibromoethane	11.00	107	99354	20.314	ug/l	99
64) Tetrachloroethene	10.63	164	74791	19.616	ug/l	99
65) Chlorobenzene	11.43	112	271961	19.769	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	103197	20.687	ug/l	100
67) Ethyl Benzene	11.51	91	485714	20.605	ug/l	100
68) m/p-Xylenes	11.62	106	356083	40.107	ug/l	98
69) o-Xylene	11.95	106	181037	20.738	ug/l	98
70) Styrene	11.97	104	313489	20.842	ug/l	100
71) Bromoform	12.13	173	63657	19.570	ug/l #	97
73) Isopropylbenzene	12.25	105	505879	21.796	ug/l	99
74) N-amyl acetate	12.07	43	211925	21.827	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	167252	21.519	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	138847m	20.923	ug/l	
77) Bromobenzene	12.53	156	120368	20.617	ug/l	99
78) n-propylbenzene	12.60	91	580830	22.023	ug/l	100
79) 2-Chlorotoluene	12.68	91	352699	21.398	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	427020	21.757	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35766	19.966	ug/l	91
82) 4-Chlorotoluene	12.78	91	369892	21.348	ug/l	100
83) tert-Butylbenzene	13.00	119	379396	21.677	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	433854	22.213	ug/l	100
85) sec-Butylbenzene	13.18	105	504911	22.061	ug/l	99
86) p-Isopropyltoluene	13.29	119	451975	22.213	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	228237	21.404	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	227943	20.938	ug/l	99
89) n-Butylbenzene	13.62	91	409658	21.236	ug/l	100
90) Hexachloroethane	13.88	117	64616	19.910	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	226075	21.135	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	27601	19.725	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	139846	20.462	ug/l	99
94) Hexachlorobutadiene	15.02	225	67392	20.402	ug/l	98
95) Naphthalene	15.13	128	381521	21.541	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	135558	20.986	ug/l	99

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

