

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058799.D
 Acq On : 16 Oct 2019 14:20
 Operator : JC/SP
 Sample : VN1016WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:51:27 AM

Quant Time: Oct 17 08:18:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	377508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	614693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267267	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	266896	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.57	113	193457	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.09	98	739552	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.41	95	272002	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	99338	21.128	ug/l	99
3) Chloromethane	2.04	50	112833	20.182	ug/l	100
4) Vinyl Chloride	2.17	62	114769	20.611	ug/l	99
5) Bromomethane	2.55	94	71700	21.167	ug/l	99
6) Chloroethane	2.68	64	73184	21.308	ug/l	99
7) Trichlorofluoromethane	3.00	101	143589	21.547	ug/l	100
8) Diethyl Ether	3.39	74	51257	20.817	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	77823	20.481	ug/l	99
10) Methyl Iodide	3.93	142	105106	20.270	ug/l	99
11) Tert butyl alcohol	4.76	59	90164	105.341	ug/l	98
12) 1,1-Dichloroethene	3.72	96	76520	21.106	ug/l	98
13) Acrolein	3.58	56	47814	69.459	ug/l	96
14) Allyl chloride	4.30	41	152295	20.816	ug/l	99
15) Acrylonitrile	4.96	53	235021	108.882	ug/l	99
16) Acetone	3.79	43	227182	103.832	ug/l	98
17) Carbon Disulfide	4.03	76	230019	19.848	ug/l	99
18) Methyl Acetate	4.30	43	125181	22.555	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	275369	21.271	ug/l	97
20) Methylene Chloride	4.53	84	92690	20.270	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	83248	20.528	ug/l	99
22) Diisopropyl ether	5.93	45	306242	21.528	ug/l	97
23) Vinyl Acetate	5.87	43	1282101	111.696	ug/l	99
24) 1,1-Dichloroethane	5.83	63	173481	21.413	ug/l	99
25) 2-Butanone	6.82	43	331445	104.805	ug/l	100
26) 2,2-Dichloropropane	6.80	77	142511	19.270	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	98001	20.724	ug/l	97
28) Bromochloromethane	7.18	49	59217	21.010	ug/l	99
29) Tetrahydrofuran	7.19	42	218181	106.758	ug/l	100
30) Chloroform	7.35	83	171206	21.033	ug/l	99
31) Cyclohexane	7.64	56	153940	19.858	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	149472	21.532	ug/l	99
36) 1,1-Dichloropropene	7.78	75	126935	20.424	ug/l	99
37) Ethyl Acetate	6.91	43	142026	22.596	ug/l	99
38) Carbon Tetrachloride	7.76	117	128260	21.175	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	140716	19.512	ug/l	96
40) Benzene	8.02	78	371919	20.837	ug/l	99
41) Methacrylonitrile	7.16	41	62650m	21.293	ug/l	
42) 1,2-Dichloroethane	8.11	62	145831	21.266	ug/l	99
43) Isopropyl Acetate	8.15	43	221781	20.713	ug/l	99
44) Trichloroethene	8.82	130	91107	20.554	ug/l	97
45) 1,2-Dichloropropane	9.11	63	100575	21.048	ug/l	99
46) Dibromomethane	9.20	93	64039	21.139	ug/l	99
47) Bromodichloromethane	9.39	83	135139	21.906	ug/l	100
48) Methyl methacrylate	9.19	41	101973	21.010	ug/l	99
49) 1,4-Dioxane	9.19	88	32412	431.655	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	690100	114.759	ug/l	98
52) Toluene	10.15	92	225987	20.700	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	146923	20.765	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	154245	20.532	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	91208	20.412	ug/l	99
56) Ethyl methacrylate	10.43	69	137012	20.989	ug/l	100
57) 1,3-Dichloropropane	10.71	76	159385	20.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	323949	102.975	ug/l	99
59) 2-Hexanone	10.75	43	506815	109.058	ug/l	98
60) Dibromochloromethane	10.90	129	95577	20.736	ug/l	99
61) 1,2-Dibromoethane	11.00	107	93025	20.781	ug/l	100
64) Tetrachloroethene	10.63	164	81027	20.507	ug/l	95
65) Chlorobenzene	11.43	112	239273	20.869	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	89560	21.124	ug/l	99
67) Ethyl Benzene	11.51	91	431764	21.126	ug/l	100
68) m/p-Xylenes	11.62	106	317243	41.362	ug/l	98
69) o-Xylene	11.95	106	151389	20.401	ug/l	100
70) Styrene	11.97	104	246024	20.228	ug/l	98
71) Bromoform	12.13	173	66278	21.328	ug/l #	97
73) Isopropylbenzene	12.25	105	413746	21.375	ug/l	100
74) N-amyl acetate	12.07	43	183515	21.109	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	138908	21.784	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	125595m	21.421	ug/l	
77) Bromobenzene	12.53	156	99328	21.097	ug/l	99
78) n-propylbenzene	12.59	91	491642	21.798	ug/l	100
79) 2-Chlorotoluene	12.68	91	290354	20.741	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	350627	21.218	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44997	20.558	ug/l	96
82) 4-Chlorotoluene	12.78	91	300800	20.939	ug/l	99
83) tert-Butylbenzene	13.00	119	298356	21.075	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	354545	21.612	ug/l	99
85) sec-Butylbenzene	13.18	105	403040	21.606	ug/l	99
86) p-Isopropyltoluene	13.29	119	355837	20.989	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	177976	20.498	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	176797	20.027	ug/l	98
89) n-Butylbenzene	13.62	91	319980	20.412	ug/l	99
90) Hexachloroethane	13.88	117	65814	21.695	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	177309	20.953	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	29346	19.700	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	99772	19.328	ug/l	98
94) Hexachlorobutadiene	15.01	225	53460	19.666	ug/l	99
95) Naphthalene	15.13	128	292264	19.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	99375	19.718	ug/l	99

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

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