

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059252.D
 Acq On : 15 Nov 2019 10:12
 Operator : JC/SP
 Sample : VN1115WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:10:14 PM

Quant Time: Nov 15 15:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	401198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	621207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	561944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	258612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	228555	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
35) Dibromofluoromethane	7.57	113	187134	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.08	98	694986	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.40	95	252508	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74842	18.515	ug/l	98
3) Chloromethane	2.04	50	99182	18.050	ug/l	98
4) Vinyl Chloride	2.17	62	101226	19.001	ug/l	99
5) Bromomethane	2.54	94	60592	19.765	ug/l	100
6) Chloroethane	2.68	64	62287	19.765	ug/l	100
7) Trichlorofluoromethane	3.00	101	131299	20.606	ug/l	97
8) Diethyl Ether	3.39	74	55340	21.374	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	79240	20.625	ug/l	99
10) Methyl Iodide	3.93	142	92433	19.437	ug/l	99
11) Tert butyl alcohol	4.75	59	105990	112.769	ug/l	100
12) 1,1-Dichloroethene	3.71	96	75713	20.230	ug/l	99
13) Acrolein	3.58	56	30415	62.765	ug/l	99
14) Allyl chloride	4.30	41	154413	20.086	ug/l	98
15) Acrylonitrile	4.96	53	265610	113.554	ug/l	100
16) Acetone	3.79	43	220044	85.800	ug/l	96
17) Carbon Disulfide	4.03	76	199845	17.202	ug/l	99
18) Methyl Acetate	4.30	43	140963	23.157	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	278140	21.586	ug/l	98
20) Methylene Chloride	4.52	84	92675	20.742	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	83693	20.833	ug/l	95
22) Diisopropyl ether	5.93	45	308047	21.214	ug/l	97
23) Vinyl Acetate	5.87	43	1265663	112.464	ug/l	100
24) 1,1-Dichloroethane	5.82	63	170029	20.965	ug/l	98
25) 2-Butanone	6.81	43	349266	103.333	ug/l	97
26) 2,2-Dichloropropane	6.80	77	146615	20.674	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	98162	21.062	ug/l	98
28) Bromochloromethane	7.17	49	48751	19.980	ug/l	97
29) Tetrahydrofuran	7.19	42	237659	110.660	ug/l	99
30) Chloroform	7.35	83	168301	21.632	ug/l	99
31) Cyclohexane	7.63	56	142883	18.610	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	140949	21.548	ug/l	99
36) 1,1-Dichloropropene	7.77	75	121049	20.847	ug/l	99
37) Ethyl Acetate	6.90	43	145153	22.471	ug/l	99
38) Carbon Tetrachloride	7.75	117	119582	20.691	ug/l	96

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

39) Methylcyclohexane	9.07	83	132507	19.663	ug/l	98
40) Benzene	8.02	78	368265	21.061	ug/l	100
41) Methacrylonitrile	7.15	41	55066	19.604	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	128449	21.419	ug/l	100
43) Isopropyl Acetate	8.15	43	220527	21.414	ug/l	99
44) Trichloroethene	8.82	130	89779	20.888	ug/l	97
45) 1,2-Dichloropropane	9.10	63	103790	21.854	ug/l	96
46) Dibromomethane	9.19	93	62428	21.094	ug/l	98
47) Bromodichloromethane	9.39	83	126270	21.367	ug/l	95
48) Methyl methacrylate	9.19	41	94610	20.539	ug/l	96
49) 1,4-Dioxane	9.18	88	38988	476.270	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	708461	121.584	ug/l	99
52) Toluene	10.15	92	222973	21.276	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	143648	21.039	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	156299	21.282	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	92922	21.908	ug/l	99
56) Ethyl methacrylate	10.42	69	137147	20.534	ug/l	97
57) 1,3-Dichloropropane	10.70	76	161540	22.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	261886	110.947	ug/l	100
59) 2-Hexanone	10.74	43	510442	114.130	ug/l	99
60) Dibromochloromethane	10.90	129	98663	22.001	ug/l	99
61) 1,2-Dibromoethane	11.00	107	93302	21.730	ug/l	100
64) Tetrachloroethene	10.63	164	79816	20.888	ug/l	98
65) Chlorobenzene	11.43	112	245798	22.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	91426	22.249	ug/l	99
67) Ethyl Benzene	11.51	91	423806	21.806	ug/l	100
68) m/p-Xylenes	11.62	106	313314	43.035	ug/l	99
69) o-Xylene	11.94	106	150618	21.407	ug/l	98
70) Styrene	11.96	104	239125	21.610	ug/l	100
71) Bromoform	12.13	173	70562	22.076	ug/l #	99
73) Isopropylbenzene	12.25	105	409622	21.775	ug/l	100
74) N-amyl acetate	12.07	43	168292	21.113	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	146119	22.809	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	132661m	22.532	ug/l	
77) Bromobenzene	12.53	156	99771	21.110	ug/l	99
78) n-propylbenzene	12.59	91	463773	21.532	ug/l	100
79) 2-Chlorotoluene	12.67	91	280548	20.996	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	342850	21.509	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	47631	21.368	ug/l	98
82) 4-Chlorotoluene	12.77	91	283056	21.121	ug/l	98
83) tert-Butylbenzene	12.99	119	295316	21.453	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	337863	21.908	ug/l	99
85) sec-Butylbenzene	13.17	105	386528	21.591	ug/l	100
86) p-Isopropyltoluene	13.29	119	345270	21.842	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	171450	21.184	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	169431	20.924	ug/l	99
89) n-Butylbenzene	13.62	91	286048	20.675	ug/l	99
90) Hexachloroethane	13.88	117	67087	21.135	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	172251	21.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27936	21.872	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	87530	20.063	ug/l	100
94) Hexachlorobutadiene	15.01	225	58599	21.347	ug/l	98
95) Naphthalene	15.13	128	235737	19.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	91126	20.424	ug/l	98

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

