

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053589.D
 Acq On : 4 Feb 2019 11:56
 Operator : JC/SP
 Sample : VN0204WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 9:53:46 AM

Quant Time: Feb 05 02:25:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	685212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1024769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	899485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	437050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	336954	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	7.59	113	324047	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.09	98	1192311	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.40	95	394698	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	152346	19.926	ug/l	98
3) Chloromethane	2.06	50	155499	19.115	ug/l	100
4) Vinyl Chloride	2.19	62	154420	19.555	ug/l	99
5) Bromomethane	2.57	94	102866	19.922	ug/l	97
6) Chloroethane	2.71	64	89113	19.747	ug/l	98
7) Trichlorofluoromethane	3.02	101	204050	19.055	ug/l	100
8) Diethyl Ether	3.41	74	73101	18.692	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	130002	19.629	ug/l	99
10) Methyl Iodide	3.96	142	189557	18.235	ug/l	100
11) Tert butyl alcohol	4.78	59	38389	94.364	ug/l #	84
12) 1,1-Dichloroethene	3.74	96	121913	19.213	ug/l	97
13) Acrolein	3.61	56	26874	121.329	ug/l	94
14) Allyl chloride	4.33	41	188114	18.620	ug/l	98
15) Acrylonitrile	4.99	53	211886	96.478	ug/l	99
16) Acetone	3.82	43	164414	93.248	ug/l	99
17) Carbon Disulfide	4.06	76	361129	18.278	ug/l	100
18) Methyl Acetate	4.33	43	96917	18.560	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	307561	19.120	ug/l	98
20) Methylene Chloride	4.55	84	135953	18.379	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	128419	18.759	ug/l	99
22) Diisopropyl ether	5.95	45	356446	19.041	ug/l	97
23) Vinyl Acetate	5.90	43	1217232	93.993	ug/l	99
24) 1,1-Dichloroethane	5.85	63	235881	18.892	ug/l	99
25) 2-Butanone	6.84	43	231079	91.891	ug/l	99
26) 2,2-Dichloropropane	6.82	77	172313	18.078	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	145846	19.160	ug/l	99
28) Bromochloromethane	7.20	49	110443	20.383	ug/l	96
29) Tetrahydrofuran	7.21	42	151255	93.670	ug/l	97
30) Chloroform	7.37	83	236780	19.130	ug/l	98
31) Cyclohexane	7.66	56	216279	18.498	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	197705	19.194	ug/l	99
36) 1,1-Dichloropropene	7.79	75	173818	18.816	ug/l	97
37) Ethyl Acetate	6.93	43	103566	20.074	ug/l	100
38) Carbon Tetrachloride	7.77	117	177501	19.074	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	208125	18.990	ug/l	100
40) Benzene	8.04	78	548195	19.244	ug/l	99
41) Methacrylonitrile	7.17	41	51582	17.889	ug/l #	86
42) 1,2-Dichloroethane	8.12	62	164099	19.401	ug/l	100
43) Isopropyl Acetate	8.17	43	185220	18.590	ug/l #	88
44) Trichloroethene	8.83	130	148638	18.328	ug/l	98
45) 1,2-Dichloropropane	9.12	63	140846	19.331	ug/l	98
46) Dibromomethane	9.21	93	84242	19.180	ug/l	99
47) Bromodichloromethane	9.40	83	178166	19.510	ug/l	97
48) Methyl methacrylate	9.20	41	83476	17.551	ug/l	93
49) 1,4-Dioxane	9.20	88	26001	401.635	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	479613	97.957	ug/l	99
52) Toluene	10.16	92	334640	19.793	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	169775	18.566	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	204321	18.855	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	119385	19.596	ug/l	99
56) Ethyl methacrylate	10.43	69	134517	18.665	ug/l	99
57) 1,3-Dichloropropane	10.71	76	197504	18.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	375423	89.313	ug/l	99
59) 2-Hexanone	10.75	43	303806	91.402	ug/l	100
60) Dibromochloromethane	10.90	129	134280	19.546	ug/l	98
61) 1,2-Dibromoethane	11.00	107	114241	18.946	ug/l	98
64) Tetrachloroethene	10.63	164	147773	19.165	ug/l	99
65) Chlorobenzene	11.43	112	362492	18.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	127379	19.090	ug/l	99
67) Ethyl Benzene	11.51	91	605725	19.300	ug/l	100
68) m/p-Xylenes	11.62	106	476367	39.768	ug/l	99
69) o-Xylene	11.95	106	227744	19.680	ug/l	98
70) Styrene	11.96	104	372459	19.857	ug/l	100
71) Bromoform	12.13	173	91350	19.969	ug/l #	99
73) Isopropylbenzene	12.25	105	605434	19.706	ug/l	100
74) N-amyl acetate	12.07	43	136276	18.445	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	135156	18.381	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	114865m	20.462	ug/l	
77) Bromobenzene	12.53	156	156944	18.954	ug/l	97
78) n-propylbenzene	12.59	91	704553	19.837	ug/l	99
79) 2-Chlorotoluene	12.67	91	412781	19.589	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	517430	20.309	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34021	17.041	ug/l	96
82) 4-Chlorotoluene	12.77	91	422390	19.535	ug/l	100
83) tert-Butylbenzene	12.99	119	455168	20.214	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	522276	20.121	ug/l	99
85) sec-Butylbenzene	13.17	105	619012	20.201	ug/l	100
86) p-Isopropyltoluene	13.29	119	543053	20.264	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	286606	19.254	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	280806	19.071	ug/l	99
89) n-Butylbenzene	13.62	91	462451	19.936	ug/l	99
90) Hexachloroethane	13.87	117	86892	19.657	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	275179	19.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19798	18.892	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	154361	18.887	ug/l	100
94) Hexachlorobutadiene	15.01	225	104268	20.486	ug/l	99
95) Naphthalene	15.13	128	303520	16.997	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	141265	18.628	ug/l	99

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

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