

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054870.D
 Acq On : 1 Apr 2019 13:18
 Operator : JC/SP
 Sample : VN0401WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 10:51:39 AM

Quant Time: Apr 02 04:49:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	389497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	641666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	266774	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.59	113	208099	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.09	98	769682	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	254575	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	73061	18.544	ug/l	97
3) Chloromethane	2.06	50	105866	19.434	ug/l	98
4) Vinyl Chloride	2.19	62	93942	19.203	ug/l	99
5) Bromomethane	2.58	94	53306	19.409	ug/l	97
6) Chloroethane	2.71	64	53160	19.461	ug/l	97
7) Trichlorofluoromethane	3.02	101	118049	19.628	ug/l	99
8) Diethyl Ether	3.41	74	39673	20.486	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.75	101	60421	19.084	ug/l #	94
10) Methyl Iodide	3.95	142	77445	17.868	ug/l #	91
11) Tert butyl alcohol	4.82	59	30334	110.885	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	61872	20.208	ug/l #	77
13) Acrolein	3.61	56	34537	141.221	ug/l	99
14) Allyl chloride	4.32	41	144448	19.154	ug/l #	90
15) Acrylonitrile	5.00	53	165802	109.041	ug/l	99
16) Acetone	3.82	43	141997	113.410	ug/l #	80
17) Carbon Disulfide	4.04	76	171380	17.258	ug/l	99
18) Methyl Acetate	4.33	43	76546	22.975	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	223798	20.897	ug/l	96
20) Methylene Chloride	4.55	84	88685	20.080	ug/l #	86
21) trans-1,2-Dichloroethene	5.04	96	77591	19.294	ug/l	84
22) Diisopropyl ether	5.96	45	302142	20.257	ug/l #	94
23) Vinyl Acetate	5.90	43	1079779	104.028	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	160796	20.209	ug/l	97
25) 2-Butanone	6.85	43	211477	114.263	ug/l	90
26) 2,2-Dichloropropane	6.82	77	105731	18.960	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	90656	19.955	ug/l	88
28) Bromochloromethane	7.20	49	79560	19.997	ug/l #	70
29) Tetrahydrofuran	7.22	42	138531	107.767	ug/l #	85
30) Chloroform	7.37	83	155113	20.445	ug/l	99
31) Cyclohexane	7.65	56	150089	19.443	ug/l	88
32) 1,1,1-Trichloroethane	7.57	97	125400	19.945	ug/l	95
36) 1,1-Dichloropropene	7.79	75	110060	18.407	ug/l	96
37) Ethyl Acetate	6.94	43	91997	20.982	ug/l #	93
38) Carbon Tetrachloride	7.77	117	107112	18.444	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	121335	18.459	ug/l	90
40) Benzene	8.04	78	342017	19.991	ug/l	97
41) Methacrylonitrile	7.18	41	51130	20.759	ug/l	89
42) 1,2-Dichloroethane	8.12	62	125741	20.584	ug/l	98
43) Isopropyl Acetate	8.17	43	153032	21.480	ug/l #	92
44) Trichloroethene	8.83	130	87451	19.691	ug/l	92
45) 1,2-Dichloropropane	9.12	63	97121	19.909	ug/l	98
46) Dibromomethane	9.21	93	55579	20.253	ug/l	89
47) Bromodichloromethane	9.40	83	113220	19.852	ug/l	99
48) Methyl methacrylate	9.20	41	74961	19.410	ug/l	90
49) 1,4-Dioxane	9.21	88	17148	447.505	ug/l #	72
51) 4-Methyl-2-Pentanone	9.99	43	440079	109.869	ug/l	92
52) Toluene	10.16	92	203485	19.988	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	99760	18.595	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	126055	19.669	ug/l #	91
55) 1,1,2-Trichloroethane	10.56	97	77138	20.378	ug/l	97
56) Ethyl methacrylate	10.43	69	96336	19.401	ug/l #	81
57) 1,3-Dichloropropane	10.71	76	135460	20.815	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	191046	95.971	ug/l #	88
59) 2-Hexanone	10.75	43	275185	107.319	ug/l	91
60) Dibromochloromethane	10.90	129	76070	19.838	ug/l	100
61) 1,2-Dibromoethane	11.01	107	73357	20.278	ug/l	100
64) Tetrachloroethene	10.63	164	84886	19.646	ug/l	97
65) Chlorobenzene	11.43	112	211892	19.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	78574	19.042	ug/l	98
67) Ethyl Benzene	11.51	91	380298	19.116	ug/l	98
68) m/p-Xylenes	11.62	106	282230	38.336	ug/l	93
69) o-Xylene	11.95	106	139476	19.320	ug/l	97
70) Styrene	11.96	104	225490	19.535	ug/l	96
71) Bromoform	12.13	173	46295	19.151	ug/l #	97
73) Isopropylbenzene	12.25	105	364116	18.635	ug/l	99
74) N-amyl acetate	12.07	43	116782	19.185	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	95778	21.252	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	79807m	19.217	ug/l	
77) Bromobenzene	12.53	156	91388	19.380	ug/l	86
78) n-propylbenzene	12.59	91	403710	18.799	ug/l	96
79) 2-Chlorotoluene	12.67	91	248434	18.699	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	306599	19.124	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	17318	16.221	ug/l #	73
82) 4-Chlorotoluene	12.77	91	238209	18.459	ug/l	95
83) tert-Butylbenzene	12.99	119	258411	19.531	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	295306	19.334	ug/l	98
85) sec-Butylbenzene	13.17	105	332473	19.090	ug/l	98
86) p-Isopropyltoluene	13.29	119	290744	18.928	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	149202	18.898	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	138655	17.906	ug/l	96
89) n-Butylbenzene	13.62	91	219961	17.551	ug/l	98
90) Hexachloroethane	13.87	117	45926	17.609	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	150258	18.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13524	20.247	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	62564	16.287	ug/l	98
94) Hexachlorobutadiene	15.01	225	48399	20.013	ug/l	98
95) Naphthalene	15.13	128	146606	17.016	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	69917	18.022	ug/l	99

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

