

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053356.D
 Acq On : 11 Jan 2019 10:42
 Operator : MD\SY
 Sample : VN0111WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 10:41:57 AM

Quant Time: Jan 12 01:05:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	844639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1282860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1168562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	555045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	436240	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.59	113	374680	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.09	98	1575530	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	557324	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	142729	19.168	ug/l	96
3) Chloromethane	2.06	50	199398	19.175	ug/l	99
4) Vinyl Chloride	2.19	62	190296	19.173	ug/l	98
5) Bromomethane	2.56	94	129252	19.929	ug/l	97
6) Chloroethane	2.71	64	116072	19.375	ug/l	99
7) Trichlorofluoromethane	3.02	101	247470	19.250	ug/l	99
8) Diethyl Ether	3.41	74	96847	19.220	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	154979	19.021	ug/l	99
10) Methyl Iodide	3.96	142	236181	20.680	ug/l	100
11) Tert butyl alcohol	4.77	59	45547	86.175	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	150276	19.068	ug/l	98
13) Acrolein	3.61	56	53139	79.962	ug/l	97
14) Allyl chloride	4.33	41	236774	18.640	ug/l	100
15) Acrylonitrile	4.99	53	296836	94.079	ug/l	99
16) Acetone	3.81	43	216243	100.916	ug/l	99
17) Carbon Disulfide	4.06	76	421512	17.348	ug/l	99
18) Methyl Acetate	4.33	43	147187	18.507	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	430894	19.481	ug/l	98
20) Methylene Chloride	4.55	84	176618	18.714	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	159561	18.856	ug/l	98
22) Diisopropyl ether	5.95	45	545874	19.948	ug/l	97
23) Vinyl Acetate	5.90	43	1689881	98.146	ug/l	99
24) 1,1-Dichloroethane	5.85	63	310053	19.646	ug/l	99
25) 2-Butanone	6.83	43	338563	93.912	ug/l	100
26) 2,2-Dichloropropane	6.83	77	230117	19.946	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	190762	19.741	ug/l	99
28) Bromochloromethane	7.19	49	144404	21.471	ug/l	99
29) Tetrahydrofuran	7.21	42	220806	92.813	ug/l	99
30) Chloroform	7.37	83	301328	19.398	ug/l	98
31) Cyclohexane	7.65	56	287878	19.074	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	250411	19.345	ug/l	99
36) 1,1-Dichloropropene	7.79	75	229109	19.130	ug/l	99
37) Ethyl Acetate	6.93	43	146665	18.801	ug/l	100
38) Carbon Tetrachloride	7.78	117	215277	19.475	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	277493	20.000	ug/l	99
40) Benzene	8.04	78	723297	19.771	ug/l	100
41) Methacrylonitrile	7.17	41	85955	17.748	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	214114	19.731	ug/l	100
43) Isopropyl Acetate	8.16	43	270519	17.628	ug/l	100
44) Trichloroethene	8.84	130	195681	19.480	ug/l	98
45) 1,2-Dichloropropane	9.12	63	189540	19.754	ug/l	99
46) Dibromomethane	9.21	93	110694	19.786	ug/l	98
47) Bromodichloromethane	9.40	83	229985	19.727	ug/l	98
48) Methyl methacrylate	9.20	41	131989	18.931	ug/l	99
49) 1,4-Dioxane	9.20	88	24203	325.826	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	753919	97.691	ug/l	99
52) Toluene	10.16	92	442406	19.712	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	234890	19.695	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	278061	20.176	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	160651	19.467	ug/l	98
56) Ethyl methacrylate	10.43	69	210109	19.592	ug/l	99
57) 1,3-Dichloropropane	10.71	76	274677	19.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	571886	98.640	ug/l	100
59) 2-Hexanone	10.75	43	528281	99.908	ug/l	99
60) Dibromochloromethane	10.90	129	174241	19.576	ug/l	99
61) 1,2-Dibromoethane	11.01	107	158529	19.466	ug/l	98
64) Tetrachloroethene	10.63	164	214093	19.466	ug/l	100
65) Chlorobenzene	11.43	112	496357	19.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	174412	19.629	ug/l	98
67) Ethyl Benzene	11.51	91	849574	19.695	ug/l	100
68) m/p-Xylenes	11.62	106	650765	40.121	ug/l	99
69) o-Xylene	11.95	106	319053	20.092	ug/l	100
70) Styrene	11.96	104	519105	20.086	ug/l	100
71) Bromoform	12.13	173	122624	19.538	ug/l #	99
73) Isopropylbenzene	12.25	105	853426	20.652	ug/l	100
74) N-amyl acetate	12.07	43	243506	19.733	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	189005	19.882	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	165641m	20.461	ug/l	
77) Bromobenzene	12.53	156	220937	20.032	ug/l	100
78) n-propylbenzene	12.59	91	960873	20.556	ug/l	99
79) 2-Chlorotoluene	12.67	91	573649	20.282	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	691483	20.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	55673	20.233	ug/l	96
82) 4-Chlorotoluene	12.77	91	581575	20.052	ug/l	99
83) tert-Butylbenzene	12.99	119	612688	20.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	689880	20.343	ug/l	99
85) sec-Butylbenzene	13.17	105	824195	21.399	ug/l	100
86) p-Isopropyltoluene	13.29	119	712377	21.362	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	384678	19.806	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	379630	19.704	ug/l	99
89) n-Butylbenzene	13.62	91	581527	20.800	ug/l	100
90) Hexachloroethane	13.88	117	107140	20.045	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	368186	20.238	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25062	21.736	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139574	24.399	ug/l	99
94) Hexachlorobutadiene	15.01	225	113498	24.257	ug/l	98
95) Naphthalene	15.13	128	244223	25.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	99722	26.626	ug/l	99

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

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