

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063747.D
 Acq On : 30 Sep 2020 14:15
 Operator : JC/MD
 Sample : VN0930WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:40:27 PM

Quant Time: Oct 01 02:29:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	253441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	216172	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.55	113	147898	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.06	98	546163	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.38	95	204840	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50244	18.788	ug/l	96
3) Chloromethane	2.04	50	58658	18.694	ug/l	97
4) Vinyl Chloride	2.16	62	58308	18.512	ug/l	99
5) Bromomethane	2.53	94	38999	19.685	ug/l	98
6) Chloroethane	2.67	64	35736	18.987	ug/l	94
7) Trichlorofluoromethane	2.99	101	95952	19.208	ug/l	100
8) Diethyl Ether	3.38	74	33825	20.021	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51769	19.389	ug/l	98
10) Methyl Iodide	3.91	142	56670	18.280	ug/l	98
11) Tert butyl alcohol	4.73	59	48967	105.929	ug/l	99
12) 1,1-Dichloroethene	3.70	96	48028	18.819	ug/l	98
13) Acrolein	3.57	56	29483	103.920	ug/l	97
14) Allyl chloride	4.28	41	91370	19.271	ug/l	98
15) Acrylonitrile	4.93	53	130098	98.321	ug/l	98
16) Acetone	3.78	43	124631	96.696	ug/l	94
17) Carbon Disulfide	4.01	76	130979	19.423	ug/l	97
18) Methyl Acetate	4.28	43	65586	19.598	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	181868	19.615	ug/l	100
20) Methylene Chloride	4.51	84	60709	20.622	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	54771	19.160	ug/l	93
22) Diisopropyl ether	5.90	45	195834	20.075	ug/l	98
23) Vinyl Acetate	5.85	43	805491	99.682	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106223	19.044	ug/l	98
25) 2-Butanone	6.78	43	188528	103.171	ug/l	98
26) 2,2-Dichloropropane	6.78	77	96323	18.858	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	63189	19.220	ug/l	98
28) Bromochloromethane	7.15	49	53221	19.306	ug/l	100
29) Tetrahydrofuran	7.17	42	125184	102.142	ug/l	99
30) Chloroform	7.33	83	113567	19.528	ug/l	97
31) Cyclohexane	7.61	56	95217	19.588	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	102295	19.501	ug/l	99
36) 1,1-Dichloropropene	7.76	75	80437	18.709	ug/l	100
37) Ethyl Acetate	6.88	43	80059	18.743	ug/l	99
38) Carbon Tetrachloride	7.73	117	87974	18.248	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	80983	18.888	ug/l	98
40) Benzene	8.00	78	234047	19.059	ug/l	99
41) Methacrylonitrile	7.13	41	37415	19.708	ug/l	92
42) 1,2-Dichloroethane	8.09	62	98050	18.705	ug/l	98
43) Isopropyl Acetate	8.13	43	140511	19.943	ug/l	99
44) Trichloroethene	8.80	130	59317	18.435	ug/l	98
45) 1,2-Dichloropropane	9.09	63	64298	19.387	ug/l	98
46) Dibromomethane	9.18	93	43864	19.172	ug/l	98
47) Bromodichloromethane	9.37	83	89525	18.987	ug/l	96
48) Methyl methacrylate	9.17	41	68225	19.599	ug/l	98
49) 1,4-Dioxane	9.17	88	19006	384.171	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	415818	100.567	ug/l	100
52) Toluene	10.13	92	146085	19.233	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	97624	19.315	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	102592	19.408	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	59022	19.376	ug/l	97
56) Ethyl methacrylate	10.40	69	83939	19.440	ug/l	100
57) 1,3-Dichloropropane	10.68	76	101087	19.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	239137	103.539	ug/l	99
59) 2-Hexanone	10.72	43	305544	99.476	ug/l	100
60) Dibromochloromethane	10.87	129	65051	18.337	ug/l	100
61) 1,2-Dibromoethane	10.98	107	62689	20.119	ug/l	100
64) Tetrachloroethene	10.60	164	56329	18.325	ug/l	95
65) Chlorobenzene	11.41	112	157658	19.344	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	59245	18.961	ug/l	99
67) Ethyl Benzene	11.49	91	283254	19.099	ug/l	98
68) m/p-Xylenes	11.59	106	208956	37.804	ug/l	98
69) o-Xylene	11.92	106	99455	19.251	ug/l	99
70) Styrene	11.94	104	167979	19.155	ug/l	100
71) Bromoform	12.10	173	43487	18.197	ug/l #	99
73) Isopropylbenzene	12.23	105	275864	20.047	ug/l	99
74) N-amyl acetate	12.05	43	118169	19.873	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	84110	19.988	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	80421m	19.337	ug/l	
77) Bromobenzene	12.50	156	66048	19.560	ug/l	99
78) n-propylbenzene	12.57	91	309283	19.312	ug/l	99
79) 2-Chlorotoluene	12.65	91	191736	19.467	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	229768	19.902	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27534	19.068	ug/l	92
82) 4-Chlorotoluene	12.75	91	200475	19.607	ug/l	100
83) tert-Butylbenzene	12.97	119	184157	19.501	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	224151	19.447	ug/l	98
85) sec-Butylbenzene	13.15	105	243029	19.594	ug/l	100
86) p-Isopropyltoluene	13.26	119	216580	19.738	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	113990	18.660	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	119826	18.839	ug/l	99
89) n-Butylbenzene	13.59	91	190726	18.833	ug/l	98
90) Hexachloroethane	13.85	117	38790	18.243	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	115843	19.146	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18943	19.195	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	58705	18.960	ug/l	99
94) Hexachlorobutadiene	14.98	225	31377	19.167	ug/l	98
95) Naphthalene	15.10	128	183927	19.297	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	56545	18.732	ug/l	99

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

