

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063815.D
 Acq On : 2 Oct 2020 12:45
 Operator : JC/MD
 Sample : VN1002WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:21 PM

Quant Time: Oct 05 04:38:12 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	248879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209273	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	7.55	113	139784	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.06	98	517018	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.38	95	193263	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45967	17.504	ug/l	98
3) Chloromethane	2.04	50	53339	17.310	ug/l	95
4) Vinyl Chloride	2.16	62	52106	16.846	ug/l	97
5) Bromomethane	2.54	94	34727	17.850	ug/l	98
6) Chloroethane	2.68	64	34238	18.525	ug/l	95
7) Trichlorofluoromethane	2.98	101	90489	18.446	ug/l	99
8) Diethyl Ether	3.37	74	29957	18.057	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46753	17.831	ug/l	97
10) Methyl Iodide	3.91	142	56233	18.471	ug/l	99
11) Tert butyl alcohol	4.72	59	45813	100.923	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	44887	17.911	ug/l	97
13) Acrolein	3.57	56	24707	88.682	ug/l	98
14) Allyl chloride	4.28	41	87212	18.731	ug/l	95
15) Acrylonitrile	4.93	53	120629	92.836	ug/l	97
16) Acetone	3.77	43	118942	93.973	ug/l	99
17) Carbon Disulfide	4.01	76	117310	17.776	ug/l	98
18) Methyl Acetate	4.28	43	65019	19.785	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	174252	19.138	ug/l	98
20) Methylene Chloride	4.51	84	56998	19.720	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	49308	17.565	ug/l	98
22) Diisopropyl ether	5.90	45	189802	19.814	ug/l	96
23) Vinyl Acetate	5.84	43	767817	96.761	ug/l	100
24) 1,1-Dichloroethane	5.80	63	104581	19.094	ug/l	100
25) 2-Butanone	6.78	43	179583	100.077	ug/l	97
26) 2,2-Dichloropropane	6.78	77	87002	17.345	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	58334	18.069	ug/l	96
28) Bromochloromethane	7.15	49	54081	19.977	ug/l	95
29) Tetrahydrofuran	7.16	42	117918	97.977	ug/l	98
30) Chloroform	7.33	83	106250	18.605	ug/l	94
31) Cyclohexane	7.61	56	82650	17.315	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	96575	18.748	ug/l	99
36) 1,1-Dichloropropene	7.75	75	76228	18.325	ug/l	99
37) Ethyl Acetate	6.88	43	65106	15.753	ug/l	95
38) Carbon Tetrachloride	7.73	117	83121	17.819	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69137	16.666	ug/l	97
40) Benzene	8.00	78	218830	18.418	ug/l	98
41) Methacrylonitrile	7.13	41	36778	20.023	ug/l #	91
42) 1,2-Dichloroethane	8.09	62	99481	19.614	ug/l	99
43) Isopropyl Acetate	8.13	43	131573	19.301	ug/l	99
44) Trichloroethene	8.80	130	55696	17.891	ug/l	99
45) 1,2-Dichloropropane	9.08	63	60920	18.985	ug/l	97
46) Dibromomethane	9.17	93	41710	18.842	ug/l	98
47) Bromodichloromethane	9.37	83	87298	19.135	ug/l	96
48) Methyl methacrylate	9.17	41	65961	19.584	ug/l	94
49) 1,4-Dioxane	9.16	88	16894	352.935	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	400782	100.182	ug/l	99
52) Toluene	10.13	92	136908	18.629	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	91125	18.634	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	96321	18.833	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	56433	19.148	ug/l	98
56) Ethyl methacrylate	10.40	69	80763	19.332	ug/l	97
57) 1,3-Dichloropropane	10.68	76	95960	19.245	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	216078	96.693	ug/l	100
59) 2-Hexanone	10.72	43	284882	95.860	ug/l	98
60) Dibromochloromethane	10.87	129	61904	18.035	ug/l	97
61) 1,2-Dibromoethane	10.98	107	59165	19.625	ug/l	99
64) Tetrachloroethene	10.60	164	52657	17.743	ug/l	98
65) Chlorobenzene	11.41	112	145917	18.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	55521	18.405	ug/l	99
67) Ethyl Benzene	11.49	91	262772	18.353	ug/l	98
68) m/p-Xylenes	11.59	106	192327	36.041	ug/l	98
69) o-Xylene	11.92	106	92115	18.469	ug/l	99
70) Styrene	11.94	104	155375	18.352	ug/l	97
71) Bromoform	12.10	173	40109	17.385	ug/l #	96
73) Isopropylbenzene	12.22	105	245146	19.278	ug/l	100
74) N-amyl acetate	12.05	43	107170	19.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79345	20.405	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	73821m	19.209	ug/l	
77) Bromobenzene	12.50	156	62295	19.965	ug/l	97
78) n-propylbenzene	12.57	91	280925	18.983	ug/l	100
79) 2-Chlorotoluene	12.65	91	176883	19.434	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	208660	19.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25441	19.066	ug/l	93
82) 4-Chlorotoluene	12.75	91	187079	19.800	ug/l	98
83) tert-Butylbenzene	12.97	119	163698	18.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	207235	19.457	ug/l	99
85) sec-Butylbenzene	13.15	105	212193	18.514	ug/l	100
86) p-Isopropyltoluene	13.26	119	193408	19.075	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106386	18.846	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	109640	18.654	ug/l	99
89) n-Butylbenzene	13.59	91	163713	17.494	ug/l	99
90) Hexachloroethane	13.85	117	35231	17.931	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	106716	19.087	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17579	19.277	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	48161	17.027	ug/l	99
94) Hexachlorobutadiene	14.98	225	28028	18.531	ug/l	100
95) Naphthalene	15.11	128	153383	17.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	48506	17.502	ug/l	99

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

