

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063556.D
 Acq On : 23 Sep 2020 1:40
 Operator : JC/MD
 Sample : VN0922WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:06:40 PM

Quant Time: Sep 23 06:45:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	213307	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.55	113	148284	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.06	98	545294	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.38	95	201349	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	50648	18.517	ug/l 96
3) Chloromethane	2.04	50	64197	17.742	ug/l 98
4) Vinyl Chloride	2.16	62	62708	19.561	ug/l 98
5) Bromomethane	2.54	94	43164	22.677	ug/l 95
6) Chloroethane	2.68	64	39429	20.037	ug/l 97
7) Trichlorofluoromethane	2.99	101	98880	20.673	ug/l 99
8) Diethyl Ether	3.38	74	37778	20.261	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51843	19.274	ug/l 99
10) Methyl Iodide	3.91	142	67301	19.218	ug/l 99
11) Tert butyl alcohol	4.73	59	51401	90.281	ug/l 99
12) 1,1-Dichloroethene	3.70	96	51445	18.882	ug/l 92
13) Acrolein	3.57	56	15866	75.197	ug/l 92
14) Allyl chloride	4.28	41	99144	18.397	ug/l 98
15) Acrylonitrile	4.93	53	142732	98.557	ug/l 99
16) Acetone	3.78	43	129231	97.843	ug/l 100
17) Carbon Disulfide	4.02	76	139755	17.635	ug/l 99
18) Methyl Acetate	4.28	43	68095	20.308	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	195655	19.268	ug/l 97
20) Methylene Chloride	4.51	84	65430	19.552	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	56959	18.870	ug/l 96
22) Diisopropyl ether	5.90	45	216481	19.696	ug/l 97
23) Vinyl Acetate	5.85	43	866514	95.996	ug/l 100
24) 1,1-Dichloroethane	5.80	63	118151	19.690	ug/l 97
25) 2-Butanone	6.79	43	192345	94.688	ug/l 100
26) 2,2-Dichloropropane	6.78	77	80677	15.271	ug/l 96
27) cis-1,2-Dichloroethene	6.78	96	67909	19.876	ug/l 100
28) Bromochloromethane	7.15	49	57515	20.759	ug/l 99
29) Tetrahydrofuran	7.17	42	129930	93.652	ug/l 99
30) Chloroform	7.33	83	121288	20.147	ug/l 99
31) Cyclohexane	7.62	56	93436	16.462	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	105121	19.632	ug/l 99
36) 1,1-Dichloropropene	7.75	75	83312	18.263	ug/l 99
37) Ethyl Acetate	6.88	43	87587	19.563	ug/l 100
38) Carbon Tetrachloride	7.74	117	87054	18.694	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	81535	16.468	ug/l	98
40) Benzene	8.00	78	249798	19.183	ug/l	98
41) Methacrylonitrile	7.13	41	39930	19.829	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	106649	20.365	ug/l	98
43) Isopropyl Acetate	8.13	43	143716	17.952	ug/l	99
44) Trichloroethene	8.80	130	62268	19.715	ug/l	98
45) 1,2-Dichloropropane	9.08	63	67974	19.165	ug/l	98
46) Dibromomethane	9.18	93	46927	20.131	ug/l	99
47) Bromodichloromethane	9.37	83	96623	19.952	ug/l	98
48) Methyl methacrylate	9.17	41	69012	17.546	ug/l	94
49) 1,4-Dioxane	9.16	88	21268	376.795	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	434229	96.886	ug/l	99
52) Toluene	10.13	92	155384	19.846	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	96948	17.932	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	103968	18.231	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	64206	20.646	ug/l	98
56) Ethyl methacrylate	10.40	69	91416	18.830	ug/l	97
57) 1,3-Dichloropropane	10.68	76	108480	19.343	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	224817	88.275	ug/l	97
59) 2-Hexanone	10.72	43	308347	94.964	ug/l	99
60) Dibromochloromethane	10.87	129	68914	19.615	ug/l	98
61) 1,2-Dibromoethane	10.98	107	64388	19.929	ug/l	97
64) Tetrachloroethene	10.60	164	54982	20.385	ug/l	99
65) Chlorobenzene	11.41	112	163587	19.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62785	20.371	ug/l	98
67) Ethyl Benzene	11.48	91	299729	18.929	ug/l	99
68) m/p-Xylenes	11.59	106	216796	37.974	ug/l	100
69) o-Xylene	11.92	106	104974	19.302	ug/l	99
70) Styrene	11.94	104	175738	19.269	ug/l	99
71) Bromoform	12.10	173	43154	18.794	ug/l #	99
73) Isopropylbenzene	12.23	105	279811	19.203	ug/l	98
74) N-amyl acetate	12.05	43	125722	18.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	89486	19.834	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	89828m	19.959	ug/l	
77) Bromobenzene	12.50	156	65700	20.045	ug/l	96
78) n-propylbenzene	12.57	91	317425	18.704	ug/l	99
79) 2-Chlorotoluene	12.65	91	196164	19.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232210	19.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	26282	16.010	ug/l	93
82) 4-Chlorotoluene	12.75	91	206060	19.170	ug/l	100
83) tert-Butylbenzene	12.97	119	186370	18.584	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	235736	19.208	ug/l	100
85) sec-Butylbenzene	13.15	105	253233	18.865	ug/l	100
86) p-Isopropyltoluene	13.26	119	219272	18.520	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	120038	19.759	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	120595	19.525	ug/l	99
89) n-Butylbenzene	13.59	91	194127	17.788	ug/l	97
90) Hexachloroethane	13.85	117	39227	17.400	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	120059	20.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19722	18.357	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	63896	18.172	ug/l	96
94) Hexachlorobutadiene	14.98	225	29774	20.454	ug/l	99
95) Naphthalene	15.10	128	218524	18.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	65357	19.237	ug/l	100

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

