

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063529.D
 Acq On : 22 Sep 2020 13:39
 Operator : JC/MD
 Sample : VN0922WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:05:39 PM

Quant Time: Sep 23 04:13:36 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	7.62	168	277828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	226569	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	7.55	113	164314	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.06	98	618786	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.38	95	230900	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53992	17.154	ug/l	94
3) Chloromethane	2.04	50	67811	16.286	ug/l	99
4) Vinyl Chloride	2.16	62	67144	18.201	ug/l	100
5) Bromomethane	2.54	94	43317	19.776	ug/l	96
6) Chloroethane	2.68	64	40060	17.690	ug/l	94
7) Trichlorofluoromethane	2.99	101	106788	19.402	ug/l	100
8) Diethyl Ether	3.37	74	38481	17.934	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	58766	18.985	ug/l	97
10) Methyl Iodide	3.91	142	67881	16.844	ug/l	99
11) Tert butyl alcohol	4.72	59	48623	74.213	ug/l	99
12) 1,1-Dichloroethene	3.70	96	54634	17.426	ug/l	99
13) Acrolein	3.57	56	19944	82.141	ug/l	94
14) Allyl chloride	4.28	41	104178	16.798	ug/l	100
15) Acrylonitrile	4.93	53	140247	84.153	ug/l	99
16) Acetone	3.77	43	123752	81.419	ug/l	95
17) Carbon Disulfide	4.02	76	148568	16.291	ug/l	99
18) Methyl Acetate	4.28	43	67216	17.420	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	196136	16.785	ug/l	98
20) Methylene Chloride	4.51	84	68361	17.752	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	60392	17.386	ug/l	91
22) Diisopropyl ether	5.90	45	219036	17.318	ug/l	96
23) Vinyl Acetate	5.84	43	879878	84.706	ug/l	100
24) 1,1-Dichloroethane	5.79	63	120920	17.511	ug/l	99
25) 2-Butanone	6.78	43	190052	81.301	ug/l	98
26) 2,2-Dichloropropane	6.78	77	106504	17.518	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	70914	18.037	ug/l	99
28) Bromochloromethane	7.15	49	55413	17.380	ug/l	96
29) Tetrahydrofuran	7.16	42	126992	79.541	ug/l	98
30) Chloroform	7.33	83	124162	17.922	ug/l	96
31) Cyclohexane	7.61	56	105537	16.158	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	110447	17.924	ug/l	99
36) 1,1-Dichloropropene	7.75	75	91131	18.101	ug/l	98
37) Ethyl Acetate	6.88	43	80603	16.313	ug/l	98
38) Carbon Tetrachloride	7.73	117	93003	18.097	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94459	17.287	ug/l	95
40) Benzene	8.00	78	264101	18.377	ug/l	99
41) Methacrylonitrile	7.14	41	42343m	19.053	ug/l	
42) 1,2-Dichloroethane	8.08	62	105259	18.212	ug/l	99
43) Isopropyl Acetate	8.13	43	144812	16.390	ug/l #	90
44) Trichloroethene	8.80	130	65167	18.695	ug/l	99
45) 1,2-Dichloropropane	9.08	63	70350	17.973	ug/l	97
46) Dibromomethane	9.17	93	47177	18.338	ug/l	99
47) Bromodichloromethane	9.37	83	98409	18.413	ug/l	98
48) Methyl methacrylate	9.16	41	69564	16.026	ug/l	98
49) 1,4-Dioxane	9.16	88	19949	320.244	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	422784	85.475	ug/l	100
52) Toluene	10.12	92	163981	18.978	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	104953	17.590	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	111692	17.747	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	65066	18.958	ug/l	98
56) Ethyl methacrylate	10.40	69	93142	17.384	ug/l	98
57) 1,3-Dichloropropane	10.68	76	111139	17.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	227604	80.979	ug/l	98
59) 2-Hexanone	10.72	43	299874	83.683	ug/l	99
60) Dibromochloromethane	10.87	129	70367	18.148	ug/l	96
61) 1,2-Dibromoethane	10.98	107	66926	18.769	ug/l	97
64) Tetrachloroethene	10.60	164	62201	21.130	ug/l	98
65) Chlorobenzene	11.41	112	172055	18.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62707	18.641	ug/l	99
67) Ethyl Benzene	11.48	91	318534	18.432	ug/l	98
68) m/p-Xylenes	11.59	106	234411	37.621	ug/l	98
69) o-Xylene	11.92	106	109865	18.510	ug/l	98
70) Styrene	11.94	104	188799	18.968	ug/l	98
71) Bromoform	12.10	173	43258	17.262	ug/l #	96
73) Isopropylbenzene	12.22	105	301358	18.679	ug/l	99
74) N-amyl acetate	12.05	43	126286	16.535	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	87711	17.558	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	82281m	16.511	ug/l	
77) Bromobenzene	12.50	156	68892	18.983	ug/l	100
78) n-propylbenzene	12.57	91	351849	18.724	ug/l	99
79) 2-Chlorotoluene	12.65	91	211481	18.774	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	258801	19.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	29310	16.125	ug/l	96
82) 4-Chlorotoluene	12.75	91	223110	18.746	ug/l	100
83) tert-Butylbenzene	12.97	119	202389	18.227	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	257808	18.971	ug/l	100
85) sec-Butylbenzene	13.15	105	270246	18.182	ug/l	98
86) p-Isopropyltoluene	13.26	119	239015	18.232	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	128325	19.077	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	127700	18.672	ug/l	99
89) n-Butylbenzene	13.59	91	218203	18.058	ug/l	99
90) Hexachloroethane	13.85	117	42173	16.895	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	121996	18.473	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18419	15.484	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	66881	17.178	ug/l	97
94) Hexachlorobutadiene	14.98	225	31301	19.420	ug/l	97
95) Naphthalene	15.10	128	211329	16.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64477	17.140	ug/l	97

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

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