

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063504.D
 Acq On : 21 Sep 2020 23:41
 Operator : JC/MD
 Sample : VN0921WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:08:11 PM

Quant Time: Sep 22 05:16:24 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	275623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	490587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	227048	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.55	113	158934	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	10.06	98	596194	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.38	95	222467	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55752	17.855	ug/l	96
3) Chloromethane	2.04	50	72777	17.618	ug/l	98
4) Vinyl Chloride	2.16	62	67823	18.532	ug/l	98
5) Bromomethane	2.53	94	43960	20.230	ug/l	99
6) Chloroethane	2.67	64	40624	18.083	ug/l	93
7) Trichlorofluoromethane	2.98	101	107466	19.681	ug/l	98
8) Diethyl Ether	3.37	74	40992	19.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56697	18.463	ug/l	98
10) Methyl Iodide	3.91	142	71948	17.996	ug/l	99
11) Tert butyl alcohol	4.73	59	65995	101.533	ug/l	96
12) 1,1-Dichloroethene	3.70	96	58235	18.723	ug/l	96
13) Acrolein	3.57	56	28965	120.249	ug/l	96
14) Allyl chloride	4.28	41	107273	17.436	ug/l	99
15) Acrylonitrile	4.93	53	164398	99.434	ug/l	99
16) Acetone	3.78	43	148464	98.459	ug/l	99
17) Carbon Disulfide	4.01	76	156101	17.254	ug/l	100
18) Methyl Acetate	4.28	43	78649	20.546	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	218506	18.849	ug/l	97
20) Methylene Chloride	4.50	84	70107	18.351	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	62795	18.222	ug/l	93
22) Diisopropyl ether	5.90	45	229336	18.277	ug/l	96
23) Vinyl Acetate	5.84	43	965061	93.650	ug/l	100
24) 1,1-Dichloroethane	5.80	63	128212	18.716	ug/l	98
25) 2-Butanone	6.78	43	229881	99.126	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93825	15.556	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	74134	19.006	ug/l	97
28) Bromochloromethane	7.15	49	58176	18.392	ug/l	98
29) Tetrahydrofuran	7.17	42	158548	100.101	ug/l	99
30) Chloroform	7.33	83	130989	19.059	ug/l	97
31) Cyclohexane	7.61	56	110907	17.115	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	114305	18.699	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92568	17.711	ug/l	99
37) Ethyl Acetate	6.88	43	99457	19.389	ug/l	99
38) Carbon Tetrachloride	7.73	117	96136	18.019	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94154	16.598	ug/l	99
40) Benzene	8.00	78	268951	18.027	ug/l	98
41) Methacrylonitrile	7.13	41	45772	19.840	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	113112	18.852	ug/l	99
43) Isopropyl Acetate	8.13	43	169087	18.435	ug/l	99
44) Trichloroethene	8.80	130	67117	18.547	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75579	18.599	ug/l	99
46) Dibromomethane	9.18	93	52143	19.524	ug/l	97
47) Bromodichloromethane	9.37	83	104972	18.919	ug/l	97
48) Methyl methacrylate	9.17	41	83356	18.497	ug/l	98
49) 1,4-Dioxane	9.17	88	26952	416.766	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	511330	99.579	ug/l	99
52) Toluene	10.13	92	170199	18.974	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	109528	17.682	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	113955	17.441	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	68176	19.134	ug/l	98
56) Ethyl methacrylate	10.40	69	104397	18.769	ug/l	98
57) 1,3-Dichloropropane	10.68	76	119121	18.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	249396	85.472	ug/l	97
59) 2-Hexanone	10.72	43	373306	100.348	ug/l	100
60) Dibromochloromethane	10.87	129	73554	18.273	ug/l	99
61) 1,2-Dibromoethane	10.98	107	70907	19.155	ug/l	98
64) Tetrachloroethene	10.60	164	61957	20.030	ug/l	97
65) Chlorobenzene	11.41	112	177299	18.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	65103	18.419	ug/l	99
67) Ethyl Benzene	11.49	91	329754	18.159	ug/l	99
68) m/p-Xylenes	11.59	106	237025	36.202	ug/l	99
69) o-Xylene	11.92	106	115796	18.566	ug/l	98
70) Styrene	11.94	104	192901	18.443	ug/l	99
71) Bromoform	12.10	173	47711	18.119	ug/l #	95
73) Isopropylbenzene	12.23	105	308510	18.728	ug/l	100
74) N-amyl acetate	12.04	43	142772	18.309	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	98859	19.382	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	95326m	18.735	ug/l	
77) Bromobenzene	12.50	156	71969	19.422	ug/l	99
78) n-propylbenzene	12.57	91	355847	18.547	ug/l	100
79) 2-Chlorotoluene	12.65	91	218426	18.991	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	252856	18.408	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	31546	16.998	ug/l	98
82) 4-Chlorotoluene	12.75	91	227697	18.737	ug/l	99
83) tert-Butylbenzene	12.97	119	209822	18.507	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	259738	18.720	ug/l	99
85) sec-Butylbenzene	13.15	105	273530	18.024	ug/l	100
86) p-Isopropyltoluene	13.26	119	243393	18.184	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129364	18.836	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	129410	18.533	ug/l	99
89) n-Butylbenzene	13.59	91	213652	17.317	ug/l	99
90) Hexachloroethane	13.85	117	42209	16.561	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	128397	19.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22692	18.683	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	68983	17.354	ug/l	98
94) Hexachlorobutadiene	14.98	225	31590	19.196	ug/l	99
95) Naphthalene	15.10	128	244850	18.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	69503	18.096	ug/l	97

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

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