

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063345.D
 Acq On : 14 Sep 2020 16:07
 Operator : JC/MD
 Sample : VN0914WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 12:15:34 PM

Quant Time: Sep 15 07:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	443691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	801188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	727862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	319530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	331969	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	7.55	113	243367	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.06	98	938340	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.38	95	336373	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	71386	16.753	ug/l	98
3) Chloromethane	2.04	50	109748	18.113	ug/l	99
4) Vinyl Chloride	2.16	62	111234	18.451	ug/l	98
5) Bromomethane	2.54	94	75153	17.867	ug/l	100
6) Chloroethane	2.68	64	71528	18.137	ug/l	97
7) Trichlorofluoromethane	2.99	101	164715	17.668	ug/l	97
8) Diethyl Ether	3.38	74	59742	17.972	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	83648	17.173	ug/l	97
10) Methyl Iodide	3.91	142	113390	17.959	ug/l	99
11) Tert butyl alcohol	4.72	59	88905	96.462	ug/l #	92
12) 1,1-Dichloroethene	3.70	96	85825	17.652	ug/l	99
13) Acrolein	3.57	56	50820	120.474	ug/l	97
14) Allyl chloride	4.28	41	162006	16.231	ug/l	98
15) Acrylonitrile	4.93	53	237225	94.139	ug/l	100
16) Acetone	3.78	43	206017	85.587	ug/l	99
17) Carbon Disulfide	4.01	76	244920	17.336	ug/l	97
18) Methyl Acetate	4.28	43	114832	18.977	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	311200	17.912	ug/l	99
20) Methylene Chloride	4.51	84	104755	18.307	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	95491	17.550	ug/l	94
22) Diisopropyl ether	5.90	45	347890	17.711	ug/l	92
23) Vinyl Acetate	5.84	43	1443224	93.346	ug/l	99
24) 1,1-Dichloroethane	5.79	63	190686	17.926	ug/l	99
25) 2-Butanone	6.78	43	324579	91.283	ug/l	100
26) 2,2-Dichloropropane	6.78	77	149604	16.046	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	111616	17.602	ug/l	96
28) Bromochloromethane	7.15	49	90400	17.526	ug/l	97
29) Tetrahydrofuran	7.17	42	215949	93.271	ug/l	98
30) Chloroform	7.33	83	188216	17.672	ug/l	99
31) Cyclohexane	7.61	56	168519	17.236	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	159645	17.195	ug/l	99
36) 1,1-Dichloropropene	7.75	75	139402	16.927	ug/l	100
37) Ethyl Acetate	6.88	43	138730	17.123	ug/l	100
38) Carbon Tetrachloride	7.73	117	142568	17.590	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	143175	15.936	ug/l	98
40) Benzene	8.00	78	415087	17.647	ug/l	100
41) Methacrylonitrile	7.14	41	72097m	19.673	ug/l	
42) 1,2-Dichloroethane	8.08	62	155416	17.415	ug/l	98
43) Isopropyl Acetate	8.13	43	243651	17.758	ug/l #	90
44) Trichloroethene	8.80	130	105121	17.089	ug/l	97
45) 1,2-Dichloropropane	9.08	63	113919	17.657	ug/l	100
46) Dibromomethane	9.18	93	73397	17.543	ug/l	99
47) Bromodichloromethane	9.37	83	153750	17.634	ug/l	97
48) Methyl methacrylate	9.17	41	115510	17.644	ug/l	100
49) 1,4-Dioxane	9.17	88	35481	350.036	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	724385	95.800	ug/l	98
52) Toluene	10.13	92	250701	17.457	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	159101	16.734	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	173037	16.903	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	97590	17.342	ug/l	97
56) Ethyl methacrylate	10.40	69	153135	17.895	ug/l	99
57) 1,3-Dichloropropane	10.68	76	174246	17.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	392672	85.545	ug/l	100
59) 2-Hexanone	10.72	43	519443	93.146	ug/l	99
60) Dibromochloromethane	10.87	129	106715	17.269	ug/l	97
61) 1,2-Dibromoethane	10.98	107	104343	17.786	ug/l	99
64) Tetrachloroethene	10.60	164	108258	18.156	ug/l	95
65) Chlorobenzene	11.41	112	268509	17.136	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	95776	16.776	ug/l	98
67) Ethyl Benzene	11.49	91	487976	17.347	ug/l	100
68) m/p-Xylenes	11.60	106	352758	33.901	ug/l	99
69) o-Xylene	11.92	106	169605	16.984	ug/l	98
70) Styrene	11.94	104	280975	16.929	ug/l	99
71) Bromoform	12.10	173	66589	16.863	ug/l #	98
73) Isopropylbenzene	12.23	105	452729	17.566	ug/l	100
74) N-amyl acetate	12.05	43	192099	18.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	133963	18.149	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	130136m	18.461	ug/l	
77) Bromobenzene	12.50	156	104193	17.587	ug/l	98
78) n-propylbenzene	12.57	91	525970	17.964	ug/l	100
79) 2-Chlorotoluene	12.65	91	314995	17.497	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	385686	18.022	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	47187	17.985	ug/l	97
82) 4-Chlorotoluene	12.75	91	328200	17.391	ug/l	99
83) tert-Butylbenzene	12.97	119	307662	16.951	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	392054	18.175	ug/l	99
85) sec-Butylbenzene	13.15	105	417405	18.076	ug/l	99
86) p-Isopropyltoluene	13.26	119	373488	17.643	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	187568	17.318	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	185779	17.271	ug/l	97
89) n-Butylbenzene	13.59	91	323254	16.916	ug/l	99
90) Hexachloroethane	13.85	117	61619	17.696	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	189062	17.662	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28693	17.094	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	100009	15.961	ug/l	99
94) Hexachlorobutadiene	14.98	225	38701	16.279	ug/l	99
95) Naphthalene	15.10	128	313557	16.292	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	96972	16.684	ug/l	99

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

