

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064652.D
 Acq On : 16 Nov 2020 10:47
 Operator : JC/MD
 Sample : VN1116WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 5:42:33 PM

Quant Time: Nov 17 04:06:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	298491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	515326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	258465	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	7.55	113	179752	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.06	98	668906	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.38	95	236372	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	68298	17.577	ug/l 98
3) Chloromethane	2.04	50	73307	15.532	ug/l 96
4) Vinyl Chloride	2.17	62	84218	17.377	ug/l 100
5) Bromomethane	2.54	94	59643	19.263	ug/l 99
6) Chloroethane	2.68	64	54852	17.677	ug/l 100
7) Trichlorofluoromethane	2.99	101	142306	19.940	ug/l 96
8) Diethyl Ether	3.38	74	47487	18.842	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65212	19.242	ug/l 94
10) Methyl Iodide	3.91	142	70489	17.900	ug/l 99
11) Tert butyl alcohol	4.75	59	48557	84.687	ug/l 100
12) 1,1-Dichloroethene	3.69	96	57436	17.992	ug/l 96
13) Acrolein	3.57	56	17708	49.790	ug/l 95
14) Allyl chloride	4.27	41	101661	16.279	ug/l 95
15) Acrylonitrile	4.93	53	142738	89.416	ug/l 97
16) Acetone	3.78	43	180601	91.190	ug/l 100
17) Carbon Disulfide	4.01	76	161670	16.935	ug/l 98
18) Methyl Acetate	4.28	43	70475	18.100	ug/l 97
19) Methyl tert-butyl Ether	5.00	73	194173	16.900	ug/l 99
20) Methylene Chloride	4.50	84	68668	17.475	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	60763	16.764	ug/l 97
22) Diisopropyl ether	5.90	45	218323	16.470	ug/l 94
23) Vinyl Acetate	5.85	43	885170	82.084	ug/l 98
24) 1,1-Dichloroethane	5.79	63	129656	17.799	ug/l 98
25) 2-Butanone	6.79	43	212594	84.248	ug/l 99
26) 2,2-Dichloropropane	6.77	77	119605	18.138	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	72237	17.199	ug/l 96
28) Bromochloromethane	7.15	49	62977	17.589	ug/l 97
29) Tetrahydrofuran	7.17	42	130729	84.440	ug/l 98
30) Chloroform	7.33	83	140960	18.410	ug/l 96
31) Cyclohexane	7.61	56	98537	15.591	ug/l # 89
32) 1,1,1-Trichloroethane	7.52	97	123031	18.116	ug/l 100
36) 1,1-Dichloropropene	7.75	75	98360	18.067	ug/l 98
37) Ethyl Acetate	6.88	43	86273	16.138	ug/l 98
38) Carbon Tetrachloride	7.73	117	109347	18.794	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	83535	17.117	ug/l	98
40) Benzene	8.00	78	282493	17.659	ug/l	99
41) Methacrylonitrile	7.12	41	37865m	15.688	ug/l	
42) 1,2-Dichloroethane	8.08	62	123774	19.172	ug/l	98
43) Isopropyl Acetate	8.13	43	149965	16.998	ug/l	98
44) Trichloroethene	8.80	130	73206	18.138	ug/l	96
45) 1,2-Dichloropropane	9.08	63	78150	18.309	ug/l	99
46) Dibromomethane	9.17	93	53698	19.110	ug/l	97
47) Bromodichloromethane	9.37	83	114356	18.927	ug/l	99
48) Methyl methacrylate	9.17	41	73695	16.554	ug/l	99
49) 1,4-Dioxane	9.17	88	20972	357.654	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	462601	89.912	ug/l	98
52) Toluene	10.12	92	174665	17.901	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	113901	17.782	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	122976	17.957	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	71722	18.848	ug/l	97
56) Ethyl methacrylate	10.40	69	88078	15.391	ug/l	95
57) 1,3-Dichloropropane	10.68	76	123237	18.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	240665	95.882	ug/l	97
59) 2-Hexanone	10.72	43	326339	80.558	ug/l	99
60) Dibromochloromethane	10.87	129	81704	19.178	ug/l	99
61) 1,2-Dibromoethane	10.98	107	73523	19.049	ug/l	97
64) Tetrachloroethene	10.60	164	69661	18.675	ug/l	98
65) Chlorobenzene	11.41	112	186463	17.565	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	74586	18.833	ug/l	98
67) Ethyl Benzene	11.48	91	328061	17.374	ug/l	99
68) m/p-Xylenes	11.59	106	238303	34.799	ug/l	97
69) o-Xylene	11.92	106	111404	16.835	ug/l	99
70) Styrene	11.94	104	195765	17.581	ug/l	99
71) Bromoform	12.10	173	50359	17.778	ug/l #	98
73) Isopropylbenzene	12.22	105	301586	17.053	ug/l	100
74) N-amyl acetate	12.05	43	120526	14.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	98197	18.078	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	92807m	17.215	ug/l	
77) Bromobenzene	12.50	156	74054	17.151	ug/l	99
78) n-propylbenzene	12.57	91	353164	17.516	ug/l	100
79) 2-Chlorotoluene	12.65	91	218691	17.102	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	256954	17.612	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	29752	15.409	ug/l	85
82) 4-Chlorotoluene	12.75	91	236238	17.640	ug/l	99
83) tert-Butylbenzene	12.97	119	196873	17.278	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	260527	17.763	ug/l	99
85) sec-Butylbenzene	13.14	105	265540	18.401	ug/l	99
86) p-Isopropyltoluene	13.26	119	232621	17.921	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	133422	17.876	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	131884	17.099	ug/l	98
89) n-Butylbenzene	13.59	91	197634	17.708	ug/l	99
90) Hexachloroethane	13.85	117	49042	19.586	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	130589	18.190	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20263	18.736	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52045	16.464	ug/l	96
94) Hexachlorobutadiene	14.98	225	31957	21.863	ug/l	97
95) Naphthalene	15.10	128	148455	14.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	53030	17.276	ug/l	97

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

