

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063488.D
 Acq On : 21 Sep 2020 16:09
 Operator : JC/MD
 Sample : VN0921WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:07:09 PM

Quant Time: Sep 22 03:33:25 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	304127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	538284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	496084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	227145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	228193	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
35) Dibromofluoromethane	7.55	113	164527	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	
50) Toluene-d8	10.06	98	633108	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
62) 4-Bromofluorobenzene	12.38	95	234156	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	61876	17.959	ug/l	99
3) Chloromethane	2.04	50	77082	16.911	ug/l	100
4) Vinyl Chloride	2.17	62	75351	18.659	ug/l	98
5) Bromomethane	2.54	94	46901	19.561	ug/l	98
6) Chloroethane	2.68	64	42801	17.266	ug/l	99
7) Trichlorofluoromethane	2.99	101	117129	19.440	ug/l	95
8) Diethyl Ether	3.38	74	43555	18.544	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	61659	18.197	ug/l	99
10) Methyl Iodide	3.92	142	79232	17.960	ug/l	99
11) Tert butyl alcohol	4.72	59	49894	69.567	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	60771	17.707	ug/l	96
13) Acrolein	3.57	56	37089	139.545	ug/l	97
14) Allyl chloride	4.28	41	116870	17.215	ug/l	100
15) Acrylonitrile	4.93	53	153101	83.922	ug/l	98
16) Acetone	3.77	43	135908	81.685	ug/l	98
17) Carbon Disulfide	4.02	76	167630	16.792	ug/l	98
18) Methyl Acetate	4.28	43	73763	17.464	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	222589	17.402	ug/l	97
20) Methylene Chloride	4.51	84	74255	17.615	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	67440	17.736	ug/l	93
22) Diisopropyl ether	5.90	45	243405	17.580	ug/l	98
23) Vinyl Acetate	5.84	43	1000622	88.000	ug/l	99
24) 1,1-Dichloroethane	5.80	63	134849	17.840	ug/l	99
25) 2-Butanone	6.78	43	206661	80.761	ug/l	97
26) 2,2-Dichloropropane	6.78	77	111419	16.742	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	78553	18.252	ug/l	98
28) Bromochloromethane	7.15	49	61543	17.633	ug/l	97
29) Tetrahydrofuran	7.17	42	141932	81.212	ug/l	98
30) Chloroform	7.33	83	137523	18.134	ug/l	95
31) Cyclohexane	7.62	56	121449	16.986	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	121562	18.022	ug/l	97
36) 1,1-Dichloropropene	7.75	75	101285	17.662	ug/l	100
37) Ethyl Acetate	6.88	43	93984	16.698	ug/l	99
38) Carbon Tetrachloride	7.74	117	104079	17.779	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	106073	17.043	ug/l	98
40) Benzene	8.00	78	296547	18.115	ug/l	100
41) Methacrylonitrile	7.14	41	43800m	17.303	ug/l	
42) 1,2-Dichloroethane	8.09	62	119394	18.136	ug/l	100
43) Isopropyl Acetate	8.13	43	163367	16.233	ug/l #	88
44) Trichloroethene	8.80	130	73167	18.427	ug/l	99
45) 1,2-Dichloropropane	9.09	63	80687	18.097	ug/l	98
46) Dibromomethane	9.18	93	53567	18.280	ug/l	98
47) Bromodichloromethane	9.37	83	109902	18.053	ug/l	99
48) Methyl methacrylate	9.16	41	81633	16.510	ug/l	99
49) 1,4-Dioxane	9.17	88	18809	265.077	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	470659	83.536	ug/l	100
52) Toluene	10.13	92	184366	18.732	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	117901	17.347	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	124483	17.364	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	69821	17.860	ug/l	96
56) Ethyl methacrylate	10.40	69	105498	17.286	ug/l	99
57) 1,3-Dichloropropane	10.68	76	124541	17.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	252035	78.722	ug/l	98
59) 2-Hexanone	10.72	43	338730	82.985	ug/l	99
60) Dibromochloromethane	10.87	129	78280	17.724	ug/l	98
61) 1,2-Dibromoethane	10.98	107	74619	18.372	ug/l	100
64) Tetrachloroethene	10.60	164	67647	20.026	ug/l	98
65) Chlorobenzene	11.41	112	190218	18.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	71920	18.632	ug/l	99
67) Ethyl Benzene	11.48	91	362937	18.302	ug/l	100
68) m/p-Xylenes	11.59	106	261187	36.529	ug/l	98
69) o-Xylene	11.92	106	129320	18.986	ug/l	98
70) Styrene	11.94	104	211436	18.511	ug/l	98
71) Bromoform	12.10	173	48532	16.877	ug/l #	98
73) Isopropylbenzene	12.22	105	339473	18.650	ug/l	99
74) N-amyl acetate	12.04	43	150755	17.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	98863	17.542	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	100581m	17.890	ug/l	
77) Bromobenzene	12.50	156	83212	20.323	ug/l	90
78) n-propylbenzene	12.57	91	393786	18.575	ug/l	99
79) 2-Chlorotoluene	12.65	91	240655	18.936	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	287452	18.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	32420	15.809	ug/l	95
82) 4-Chlorotoluene	12.75	91	249622	18.590	ug/l	99
83) tert-Butylbenzene	12.97	119	239239	19.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	291803	19.033	ug/l	100
85) sec-Butylbenzene	13.15	105	311474	18.575	ug/l	99
86) p-Isopropyltoluene	13.26	119	278176	18.808	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	139695	18.408	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	144745	18.760	ug/l	99
89) n-Butylbenzene	13.59	91	251338	18.436	ug/l	99
90) Hexachloroethane	13.85	117	49620	17.619	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	138161	18.543	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22011	16.401	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	79373	18.070	ug/l	98
94) Hexachlorobutadiene	14.98	225	35099	19.302	ug/l	96
95) Naphthalene	15.10	128	254955	17.569	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	73978	17.431	ug/l	98

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

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