

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063365.D
 Acq On : 16 Sep 2020 15:26
 Operator : JC/MD
 Sample : VN0916WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:08:49 PM

Quant Time: Sep 17 04:16:36 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	267489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	234431	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	7.55	113	164168	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.06	98	625015	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.38	95	231438	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	63308	20.891	ug/l	98
3) Chloromethane	2.03	50	81122	20.235	ug/l	98
4) Vinyl Chloride	2.16	62	76375	21.503	ug/l	96
5) Bromomethane	2.54	94	48835	23.157	ug/l	100
6) Chloroethane	2.68	64	45756	20.986	ug/l	98
7) Trichlorofluoromethane	2.99	101	111476	21.036	ug/l	97
8) Diethyl Ether	3.38	74	43947	21.274	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	62655	21.024	ug/l	98
10) Methyl Iodide	3.91	142	74503	19.202	ug/l	100
11) Tert butyl alcohol	4.72	59	59158	93.782	ug/l	99
12) 1,1-Dichloroethene	3.70	96	62372	20.663	ug/l	98
13) Acrolein	3.57	56	33911	145.063	ug/l	98
14) Allyl chloride	4.28	41	127664	21.381	ug/l	100
15) Acrylonitrile	4.93	53	157705	98.286	ug/l	99
16) Acetone	3.78	43	136616	93.357	ug/l	99
17) Carbon Disulfide	4.02	76	178955	20.381	ug/l	100
18) Methyl Acetate	4.28	43	72921	19.629	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	227340	20.207	ug/l	99
20) Methylene Chloride	4.51	84	73931	19.940	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	69105	20.663	ug/l	93
22) Diisopropyl ether	5.90	45	252452	20.731	ug/l	97
23) Vinyl Acetate	5.84	43	1045533	104.544	ug/l	98
24) 1,1-Dichloroethane	5.80	63	139799	21.028	ug/l	99
25) 2-Butanone	6.78	43	216991	96.413	ug/l	99
26) 2,2-Dichloropropane	6.78	77	121197	20.705	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	79084	20.892	ug/l	96
28) Bromochloromethane	7.15	49	58734	19.133	ug/l	98
29) Tetrahydrofuran	7.16	42	148784	96.793	ug/l	99
30) Chloroform	7.33	83	136385	20.447	ug/l	94
31) Cyclohexane	7.61	56	127618	20.293	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	124366	20.963	ug/l	99
36) 1,1-Dichloropropene	7.75	75	104978	21.087	ug/l	99
37) Ethyl Acetate	6.88	43	96394	19.729	ug/l	98
38) Carbon Tetrachloride	7.73	117	105123	20.686	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	112432	20.809	ug/l	97
40) Benzene	8.00	78	298252	20.988	ug/l	98
41) Methacrylonitrile	7.14	41	50253m	22.868	ug/l	
42) 1,2-Dichloroethane	8.09	62	119084	20.837	ug/l	100
43) Isopropyl Acetate	8.13	43	170132	19.474	ug/l #	90
44) Trichloroethene	8.80	130	72209	20.950	ug/l	95
45) 1,2-Dichloropropane	9.08	63	82257	21.253	ug/l	99
46) Dibromomethane	9.17	93	52935	20.809	ug/l	98
47) Bromodichloromethane	9.37	83	111552	21.108	ug/l	99
48) Methyl methacrylate	9.17	41	85849	20.001	ug/l	97
49) 1,4-Dioxane	9.17	88	22845	370.878	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	493997	101.001	ug/l	100
52) Toluene	10.12	92	182517	21.362	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	122682	20.794	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	130238	20.928	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	71204	20.981	ug/l	98
56) Ethyl methacrylate	10.40	69	108568	20.492	ug/l	99
57) 1,3-Dichloropropane	10.68	76	127288	20.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	260832	93.850	ug/l	99
59) 2-Hexanone	10.72	43	356380	100.576	ug/l	100
60) Dibromochloromethane	10.87	129	76874	20.050	ug/l	97
61) 1,2-Dibromoethane	10.98	107	73384	20.813	ug/l	100
64) Tetrachloroethene	10.60	164	62159	21.640	ug/l	98
65) Chlorobenzene	11.41	112	187284	20.915	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	72499	22.087	ug/l	98
67) Ethyl Benzene	11.48	91	358954	21.286	ug/l	100
68) m/p-Xylenes	11.59	106	258686	42.547	ug/l	100
69) o-Xylene	11.92	106	126028	21.759	ug/l	98
70) Styrene	11.94	104	209584	21.578	ug/l	99
71) Bromoform	12.10	173	50641	20.709	ug/l #	99
73) Isopropylbenzene	12.22	105	334083	21.022	ug/l	99
74) N-amyl acetate	12.04	43	151305	20.112	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	99804	20.282	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	94704m	19.293	ug/l	
77) Bromobenzene	12.50	156	77290	21.620	ug/l	98
78) n-propylbenzene	12.57	91	391481	21.150	ug/l	100
79) 2-Chlorotoluene	12.65	91	232054	20.914	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	285904	21.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	34792	19.432	ug/l	99
82) 4-Chlorotoluene	12.75	91	240050	20.476	ug/l	100
83) tert-Butylbenzene	12.97	119	232422	21.250	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	281584	21.036	ug/l	99
85) sec-Butylbenzene	13.15	105	309607	21.147	ug/l	99
86) p-Isopropyltoluene	13.26	119	273416	21.173	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	140847	21.257	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	139933	20.772	ug/l	97
89) n-Butylbenzene	13.59	91	251295	21.112	ug/l	98
90) Hexachloroethane	13.85	117	50095	20.373	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	138096	21.229	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22429	19.141	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	77690	20.258	ug/l	98
94) Hexachlorobutadiene	14.98	225	32545	20.499	ug/l	97
95) Naphthalene	15.10	128	260211	20.537	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	74007	19.972	ug/l	99

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

