

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063412.D
 Acq On : 17 Sep 2020 12:26
 Operator : JC/MD
 Sample : VN0917WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 2:56:02 PM

Quant Time: Sep 18 03:08:50 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	258076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	448257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	223693	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.55	113	153635	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.06	98	587149	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.38	95	222122	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	57322	19.606	ug/l	98
3) Chloromethane	2.04	50	71029	18.364	ug/l	99
4) Vinyl Chloride	2.16	62	69987	20.423	ug/l	100
5) Bromomethane	2.53	94	44811	22.024	ug/l	95
6) Chloroethane	2.68	64	41182	19.578	ug/l	97
7) Trichlorofluoromethane	2.99	101	103066	20.159	ug/l	97
8) Diethyl Ether	3.37	74	40065	20.102	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56299	19.580	ug/l	98
10) Methyl Iodide	3.91	142	73991	19.765	ug/l	99
11) Tert butyl alcohol	4.72	59	57640	94.708	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	55794	19.158	ug/l	98
13) Acrolein	3.56	56	20422	90.547	ug/l	92
14) Allyl chloride	4.28	41	110760	19.227	ug/l	99
15) Acrylonitrile	4.93	53	155714	100.585	ug/l	98
16) Acetone	3.77	43	139248	98.626	ug/l	95
17) Carbon Disulfide	4.01	76	157775	18.625	ug/l	99
18) Methyl Acetate	4.28	43	71317	19.897	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	210773	19.418	ug/l	99
20) Methylene Chloride	4.50	84	69547	19.442	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	61231	18.976	ug/l	97
22) Diisopropyl ether	5.90	45	230039	19.580	ug/l	96
23) Vinyl Acetate	5.84	43	974935	101.040	ug/l	100
24) 1,1-Dichloroethane	5.80	63	125348	19.542	ug/l	99
25) 2-Butanone	6.78	43	214221	98.654	ug/l	100
26) 2,2-Dichloropropane	6.78	77	104030	18.421	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	71660	19.621	ug/l	96
28) Bromochloromethane	7.15	49	57533	19.426	ug/l	100
29) Tetrahydrofuran	7.16	42	145338	98.000	ug/l	99
30) Chloroform	7.33	83	125082	19.436	ug/l	98
31) Cyclohexane	7.61	56	113766	18.750	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	110806	19.359	ug/l	99
36) 1,1-Dichloropropene	7.75	75	93605	19.601	ug/l	98
37) Ethyl Acetate	6.88	43	87819	18.737	ug/l	98
38) Carbon Tetrachloride	7.73	117	93673	19.215	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101582	19.599	ug/l	97
40) Benzene	8.00	78	270345	19.831	ug/l	99
41) Methacrylonitrile	7.13	41	38631	18.326	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	107568	19.621	ug/l	100
43) Isopropyl Acetate	8.13	43	160622	19.165	ug/l	99
44) Trichloroethene	8.80	130	64651	19.553	ug/l	98
45) 1,2-Dichloropropane	9.08	63	74686	20.115	ug/l	98
46) Dibromomethane	9.17	93	49144	20.138	ug/l	99
47) Bromodichloromethane	9.37	83	100825	19.888	ug/l	99
48) Methyl methacrylate	9.17	41	79512	19.310	ug/l	98
49) 1,4-Dioxane	9.16	88	23280	393.979	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	478650	102.017	ug/l	100
52) Toluene	10.12	92	166345	20.295	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	113532	20.060	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	117264	19.643	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	66235	20.345	ug/l	96
56) Ethyl methacrylate	10.40	69	101145	19.901	ug/l	100
57) 1,3-Dichloropropane	10.68	76	117004	19.929	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	248604	93.246	ug/l	100
59) 2-Hexanone	10.72	43	345734	101.712	ug/l	99
60) Dibromochloromethane	10.87	129	72991	19.845	ug/l	98
61) 1,2-Dibromoethane	10.98	107	68007	20.107	ug/l	99
64) Tetrachloroethene	10.60	164	58358	20.743	ug/l	96
65) Chlorobenzene	11.41	112	173109	19.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65415	20.347	ug/l	100
67) Ethyl Benzene	11.49	91	324378	19.640	ug/l	99
68) m/p-Xylenes	11.59	106	238531	40.055	ug/l	99
69) o-Xylene	11.92	106	115928	20.436	ug/l	98
70) Styrene	11.94	104	196546	20.660	ug/l	99
71) Bromoform	12.10	173	46518	19.423	ug/l #	97
73) Isopropylbenzene	12.22	105	311425	20.092	ug/l	99
74) N-amyl acetate	12.05	43	142715	19.451	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	97553	20.327	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	90681m	18.941	ug/l	
77) Bromobenzene	12.50	156	73365	21.042	ug/l	96
78) n-propylbenzene	12.57	91	360262	19.956	ug/l	100
79) 2-Chlorotoluene	12.65	91	217269	20.077	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	258812	20.025	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32425	18.569	ug/l	98
82) 4-Chlorotoluene	12.75	91	226517	19.811	ug/l	100
83) tert-Butylbenzene	12.97	119	212320	19.904	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	269853	20.670	ug/l	99
85) sec-Butylbenzene	13.15	105	285439	19.990	ug/l	100
86) p-Isopropyltoluene	13.26	119	257290	20.429	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	126220	19.532	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	129368	19.690	ug/l	99
89) n-Butylbenzene	13.59	91	233810	20.141	ug/l	99
90) Hexachloroethane	13.85	117	45243	18.866	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	129360	20.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22019	19.267	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	75480	20.180	ug/l	98
94) Hexachlorobutadiene	14.98	225	33814	21.838	ug/l	98
95) Naphthalene	15.10	128	240924	19.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	72962	20.189	ug/l	98

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

