

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063411.D
 Acq On : 17 Sep 2020 11:58
 Operator : JC/MD
 Sample : VN0917WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 2:55:54 PM

Quant Time: Sep 18 03:07:04 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	266801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	222664	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.55	113	157656	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.06	98	605763	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.38	95	226131	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	58955	19.505	ug/l	97
3) Chloromethane	2.04	50	73506	18.383	ug/l	98
4) Vinyl Chloride	2.16	62	69287	19.558	ug/l	99
5) Bromomethane	2.54	94	44872	21.333	ug/l	98
6) Chloroethane	2.68	64	42416	19.505	ug/l	98
7) Trichlorofluoromethane	2.99	101	105888	20.033	ug/l	99
8) Diethyl Ether	3.38	74	38443	18.657	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59643	20.065	ug/l	99
10) Methyl Iodide	3.91	142	71995	18.603	ug/l	98
11) Tert butyl alcohol	4.73	59	55839	88.749	ug/l	96
12) 1,1-Dichloroethene	3.70	96	56454	18.750	ug/l	93
13) Acrolein	3.57	56	22129	94.907	ug/l	98
14) Allyl chloride	4.28	41	114407	19.210	ug/l	99
15) Acrylonitrile	4.93	53	153146	95.691	ug/l	99
16) Acetone	3.77	43	130431	89.360	ug/l	99
17) Carbon Disulfide	4.01	76	163179	18.633	ug/l	100
18) Methyl Acetate	4.27	43	68837	18.577	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	210271	18.738	ug/l	100
20) Methylene Chloride	4.50	84	71735	19.398	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	64110	19.219	ug/l	92
22) Diisopropyl ether	5.90	45	236027	19.432	ug/l	92
23) Vinyl Acetate	5.84	43	965991	96.840	ug/l	100
24) 1,1-Dichloroethane	5.79	63	126029	19.005	ug/l	100
25) 2-Butanone	6.78	43	209390	93.276	ug/l	99
26) 2,2-Dichloropropane	6.78	77	106897	18.309	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	73277	19.408	ug/l	98
28) Bromochloromethane	7.15	49	57279	18.708	ug/l	100
29) Tetrahydrofuran	7.16	42	142987	93.261	ug/l	99
30) Chloroform	7.33	83	127256	19.128	ug/l	98
31) Cyclohexane	7.61	56	116512	18.575	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	112488	19.010	ug/l	100
36) 1,1-Dichloropropene	7.75	75	95321	19.509	ug/l	99
37) Ethyl Acetate	6.88	43	93210	19.437	ug/l #	95
38) Carbon Tetrachloride	7.73	117	93572	18.761	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	105714	19.935	ug/l	99
40) Benzene	8.00	78	274965	19.714	ug/l	99
41) Methacrylonitrile	7.13	41	43910	20.359	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	110313	19.667	ug/l	100
43) Isopropyl Acetate	8.12	43	162716	18.976	ug/l #	91
44) Trichloroethene	8.80	130	65426	19.340	ug/l	99
45) 1,2-Dichloropropane	9.08	63	74945	19.729	ug/l	99
46) Dibromomethane	9.17	93	49021	19.634	ug/l	99
47) Bromodichloromethane	9.37	83	103196	19.895	ug/l	98
48) Methyl methacrylate	9.16	41	77653	18.433	ug/l	96
49) 1,4-Dioxane	9.17	88	23295	385.322	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	466491	97.178	ug/l	100
52) Toluene	10.12	92	170312	20.309	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	110802	19.135	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	118454	19.393	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	66566	19.984	ug/l	96
56) Ethyl methacrylate	10.40	69	100334	19.295	ug/l	99
57) 1,3-Dichloropropane	10.68	76	116619	19.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	248880	91.239	ug/l	99
59) 2-Hexanone	10.72	43	337082	96.925	ug/l	100
60) Dibromochloromethane	10.87	129	72402	19.240	ug/l	98
61) 1,2-Dibromoethane	10.97	107	65910	19.046	ug/l	93
64) Tetrachloroethene	10.60	164	58537	20.494	ug/l	97
65) Chlorobenzene	11.41	112	177760	19.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	66611	20.408	ug/l	97
67) Ethyl Benzene	11.48	91	336213	20.051	ug/l	100
68) m/p-Xylenes	11.59	106	241234	39.901	ug/l	99
69) o-Xylene	11.92	106	114697	19.915	ug/l	97
70) Styrene	11.94	104	194991	20.189	ug/l	99
71) Bromoform	12.10	173	46127	18.970	ug/l #	99
73) Isopropylbenzene	12.22	105	319452	19.891	ug/l	99
74) N-amyl acetate	12.05	43	142043	18.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	96179	19.341	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	88770m	17.895	ug/l	
77) Bromobenzene	12.50	156	72284	20.008	ug/l	98
78) n-propylbenzene	12.57	91	373783	19.982	ug/l	99
79) 2-Chlorotoluene	12.65	91	226265	20.178	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	271505	20.273	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	30642	16.935	ug/l	93
82) 4-Chlorotoluene	12.75	91	238931	20.167	ug/l	99
83) tert-Butylbenzene	12.97	119	216609	19.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	266914	19.731	ug/l	99
85) sec-Butylbenzene	13.15	105	290287	19.620	ug/l	99
86) p-Isopropyltoluene	13.26	119	264044	20.234	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	132682	19.815	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136601	20.065	ug/l	99
89) n-Butylbenzene	13.59	91	241537	20.080	ug/l	98
90) Hexachloroethane	13.85	117	47293	19.032	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	131091	19.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21656	18.288	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	74599	19.248	ug/l	98
94) Hexachlorobutadiene	14.98	225	34211	21.322	ug/l	99
95) Naphthalene	15.10	128	239836	18.731	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	70221	18.752	ug/l	98

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

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