

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061278.D
 Acq On : 4 May 2020 15:17
 Operator : JC/MD
 Sample : L2467-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MS

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:36:14 AM

Quant Time: May 05 04:52:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	102950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	85239	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.55	113	50591	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.06	98	225911	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.38	95	85958	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55680	51.003	ug/l	99
3) Chloromethane	2.03	50	75908	57.411	ug/l	98
4) Vinyl Chloride	2.16	62	84411	56.208	ug/l	99
5) Bromomethane	2.53	94	34624	46.642	ug/l	99
6) Chloroethane	2.67	64	51120	53.705	ug/l	100
7) Trichlorofluoromethane	2.98	101	100430	59.275	ug/l	96
8) Diethyl Ether	3.37	74	40109	56.755	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	58460	53.558	ug/l	99
10) Methyl Iodide	3.91	142	63003	44.914	ug/l	100
11) Tert butyl alcohol	4.73	59	68601	314.373	ug/l	100
12) 1,1-Dichloroethene	3.69	96	55832	51.401	ug/l	100
13) Acrolein	3.56	56	41538	285.643	ug/l	99
14) Allyl chloride	4.27	41	121707	60.430	ug/l	98
15) Acrylonitrile	4.93	53	189243	282.510	ug/l	99
16) Acetone	3.77	43	166572	264.722	ug/l	100
17) Carbon Disulfide	4.01	76	135041	45.006	ug/l	100
18) Methyl Acetate	4.27	43	97378	47.392	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	217565	52.419	ug/l	99
20) Methylene Chloride	4.50	84	66220	52.133	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	61963	52.388	ug/l	99
22) Diisopropyl ether	5.90	45	255674	54.744	ug/l	99
23) Vinyl Acetate	5.84	43	1018637	270.880	ug/l	99
24) 1,1-Dichloroethane	5.80	63	128655	52.724	ug/l	99
25) 2-Butanone	6.79	43	267729	277.749	ug/l	99
26) 2,2-Dichloropropane	6.78	77	107498	52.302	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	72422	52.177	ug/l	98
28) Bromochloromethane	7.15	49	60672	52.458	ug/l	96
29) Tetrahydrofuran	7.17	42	178117	274.313	ug/l	98
30) Chloroform	7.33	83	128036	51.777	ug/l	98
31) Cyclohexane	7.62	56	113899	48.063	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	109008	50.623	ug/l	99
36) 1,1-Dichloropropene	7.75	75	94369	53.741	ug/l	99
37) Ethyl Acetate	6.88	43	111317	54.073	ug/l	100
38) Carbon Tetrachloride	7.73	117	83351	51.932	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	106189	53.922	ug/l	98
40) Benzene	8.00	78	275707	52.701	ug/l	100
41) Methacrylonitrile	7.12	41	56688	66.322	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	108285	54.637	ug/l	99
43) Isopropyl Acetate	8.13	43	239110	69.986	ug/l #	90
44) Trichloroethene	8.80	130	70123	49.583	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75931	54.327	ug/l	99
46) Dibromomethane	9.17	93	46674	53.934	ug/l	99
47) Bromodichloromethane	9.37	83	101704	54.754	ug/l	98
48) Methyl methacrylate	9.17	41	90525	58.717	ug/l	98
49) 1,4-Dioxane	9.17	88	18776	1072.895	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	578426	287.629	ug/l	100
52) Toluene	10.12	92	169188	53.691	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	112355	53.682	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	118119	53.383	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	67794	53.938	ug/l	97
56) Ethyl methacrylate	10.40	69	111765	50.973	ug/l	99
57) 1,3-Dichloropropane	10.68	76	120237	54.423	ug/l	99
59) 2-Hexanone	10.72	43	426109	291.246	ug/l	99
60) Dibromochloromethane	10.88	129	71118	54.024	ug/l	99
61) 1,2-Dibromoethane	10.98	107	68244	54.171	ug/l	99
64) Tetrachloroethene	10.60	164	68599	47.234	ug/l	99
65) Chlorobenzene	11.41	112	173763	52.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64523	54.198	ug/l	99
67) Ethyl Benzene	11.48	91	333573	53.571	ug/l	100
68) m/p-Xylenes	11.60	106	242801	106.530	ug/l	99
69) o-Xylene	11.92	106	114746	52.412	ug/l	96
70) Stvrene	11.94	104	199863	54.544	ug/l	99
71) Bromoform	12.10	173	48470	55.397	ug/l #	99
73) Isopropylbenzene	12.22	105	318677	52.718	ug/l	99
74) N-amyl acetate	12.05	43	162403	53.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	102047	54.140	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	92766m	53.512	ug/l	
77) Bromobenzene	12.50	156	72114	51.679	ug/l	98
78) n-propylbenzene	12.57	91	381391	53.193	ug/l	100
79) 2-Chlorotoluene	12.65	91	221540	52.569	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	270307	54.028	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	37589	55.064	ug/l	97
82) 4-Chlorotoluene	12.75	91	237349	53.436	ug/l	98
83) tert-Butylbenzene	12.97	119	232672	55.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	271693	52.709	ug/l	99
85) sec-Butylbenzene	13.15	105	312120	54.266	ug/l	100
86) p-Isopropyltoluene	13.26	119	277918	53.630	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	132350	51.521	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	133910	51.019	ug/l	100
89) n-Butylbenzene	13.59	91	265717	55.932	ug/l	99
90) Hexachloroethane	13.85	117	31800	57.485	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	128364	52.114	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21474	53.943	ug/l	99
93) 1,2,4-Trichlorobenzene	14.89	180	78131	52.090	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	33950	54.180	ug/l	99
95) Naphthalene	15.11	128	248443	50.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	75359	50.888	ug/l	100

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

