

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061347.D
 Acq On : 7 May 2020 20:21
 Operator : JC/MD
 Sample : L2548-05MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MSD

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:18:20 PM

Quant Time: May 08 04:46:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	91090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	159878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	149417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	71462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	77634	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.55	113	47070	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.06	98	195329	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.37	95	74332	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45950	47.570	ug/l	100
3) Chloromethane	2.03	50	64335	54.993	ug/l	99
4) Vinyl Chloride	2.16	62	70914	53.369	ug/l	99
5) Bromomethane	2.53	94	29238	44.515	ug/l	96
6) Chloroethane	2.67	64	43361	51.485	ug/l	99
7) Trichlorofluoromethane	2.98	101	85736	57.191	ug/l	98
8) Diethyl Ether	3.37	74	35585	56.909	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48312	50.024	ug/l	99
10) Methyl Iodide	3.91	142	53236	42.892	ug/l	99
11) Tert butyl alcohol	4.73	59	52332	271.043	ug/l	100
12) 1,1-Dichloroethene	3.69	96	48169	50.120	ug/l	99
13) Acrolein	3.57	56	26772	208.072	ug/l	100
14) Allyl chloride	4.27	41	106513	59.772	ug/l	99
15) Acrylonitrile	4.93	53	165104	278.565	ug/l	99
16) Acetone	3.77	43	148560	266.882	ug/l	99
17) Carbon Disulfide	4.01	76	107729	40.579	ug/l	99
18) Methyl Acetate	4.27	43	83224	45.800	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	195940	53.355	ug/l	98
20) Methylene Chloride	4.50	84	59498	52.939	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	54111	51.706	ug/l	99
22) Diisopropyl ether	5.90	45	227866	55.142	ug/l	100
23) Vinyl Acetate	5.84	43	852664	256.266	ug/l	99
24) 1,1-Dichloroethane	5.80	63	114264	52.923	ug/l	99
25) 2-Butanone	6.78	43	228933	268.424	ug/l	99
26) 2,2-Dichloropropane	6.78	77	87916	48.344	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69641	56.706	ug/l	98
28) Bromochloromethane	7.15	49	59872	58.506	ug/l	96
29) Tetrahydrofuran	7.17	42	154749	269.355	ug/l	98
30) Chloroform	7.33	83	114176	52.183	ug/l	100
31) Cyclohexane	7.61	56	89436	42.654	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	97208	51.021	ug/l	99
36) 1,1-Dichloropropene	7.75	75	79597	49.734	ug/l	99
37) Ethyl Acetate	6.88	43	93403	49.781	ug/l	99
38) Carbon Tetrachloride	7.73	117	75309	51.502	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72873	40.601	ug/l	97
40) Benzene	8.00	78	243492	51.066	ug/l	99
41) Methacrylonitrile	7.12	41	43500	55.839	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	97483	53.967	ug/l	99
43) Isopropyl Acetate	8.12	43	157936	50.720	ug/l	100
44) Trichloroethene	8.80	130	64550	50.079	ug/l	100
45) 1,2-Dichloropropane	9.08	63	67439	52.941	ug/l	100
46) Dibromomethane	9.18	93	42332	53.671	ug/l	99
47) Bromodichloromethane	9.37	83	91631	54.126	ug/l	99
48) Methyl methacrylate	9.17	41	78692	56.003	ug/l	97
49) 1,4-Dioxane	9.16	88	15896	996.609	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	498639	272.053	ug/l	100
52) Toluene	10.12	92	145566	50.685	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	99408	52.112	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	102036	50.596	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	59978	52.357	ug/l	99
56) Ethyl methacrylate	10.40	69	96135	48.259	ug/l	98
57) 1,3-Dichloropropane	10.68	76	107610	53.442	ug/l	99
59) 2-Hexanone	10.72	43	362312	271.710	ug/l	100
60) Dibromochloromethane	10.87	129	64614	53.854	ug/l	98
61) 1,2-Dibromoethane	10.98	107	59865	52.139	ug/l	99
64) Tetrachloroethene	10.60	164	84226	65.084	ug/l	99
65) Chlorobenzene	11.41	112	150815	50.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	57785	54.472	ug/l	99
67) Ethyl Benzene	11.48	91	280651	50.582	ug/l	100
68) m/p-Xylenes	11.59	106	204015	100.456	ug/l	98
69) o-Xylene	11.92	106	98015	50.243	ug/l	98
70) Stvrene	11.94	104	162276	49.701	ug/l	98
71) Bromoform	12.10	173	43132	55.323	ug/l #	100
73) Isopropylbenzene	12.22	105	260630	49.611	ug/l	100
74) N-amyl acetate	12.04	43	134729	50.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	89956	54.914	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	78277m	51.956	ug/l	
77) Bromobenzene	12.50	156	62525	51.557	ug/l	98
78) n-propylbenzene	12.57	91	309530	49.674	ug/l	99
79) 2-Chlorotoluene	12.65	91	187345	51.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	219169	50.406	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	30517	51.438	ug/l	97
82) 4-Chlorotoluene	12.75	91	198013	51.296	ug/l	99
83) tert-Butylbenzene	12.97	119	176996	48.276	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	223360	49.860	ug/l	99
85) sec-Butylbenzene	13.15	105	235606	47.134	ug/l	99
86) p-Isopropyltoluene	13.26	119	213125	47.322	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	112795	50.523	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	113616	49.807	ug/l	99
89) n-Butylbenzene	13.59	91	191221	46.315	ug/l	99
90) Hexachloroethane	13.85	117	32159	65.643	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	109688	51.240	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18594	53.745	ug/l	96
93) 1,2,4-Trichlorobenzene	14.89	180	62118	47.653	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	26216	48.139	ug/l	98
95) Naphthalene	15.10	128	204934	48.273	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	61783	48.005	ug/l	100

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

