

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061346.D
 Acq On : 7 May 2020 19:58
 Operator : JC/MD
 Sample : L2548-04MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504MS

Manual Integrations
 APPROVED

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

Quant Time: May 08 04:46:13 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	96538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	157105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	77287	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	7.55	113	47478	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	10.06	98	203599	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.38	95	76893	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	45695	44.637	ug/l 100
3) Chloromethane	2.03	50	63405	51.140	ug/l 100
4) Vinyl Chloride	2.16	62	71544	50.805	ug/l 100
5) Bromomethane	2.53	94	28430	40.842	ug/l 98
6) Chloroethane	2.67	64	44073	49.377	ug/l 99
7) Trichlorofluoromethane	2.98	101	88637	55.790	ug/l 99
8) Diethyl Ether	3.37	74	36189	54.609	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50119	48.967	ug/l 100
10) Methyl Iodide	3.91	142	50746	38.579	ug/l 99
11) Tert butyl alcohol	4.73	59	51047	249.467	ug/l 100
12) 1,1-Dichloroethene	3.70	96	50072	49.160	ug/l 98
13) Acrolein	3.56	56	25978	190.507	ug/l 99
14) Allyl chloride	4.27	41	106076	56.167	ug/l 99
15) Acrylonitrile	4.93	53	164622	262.077	ug/l 99
16) Acetone	3.77	43	147641	249.911	ug/l 100
17) Carbon Disulfide	4.01	76	109377	38.874	ug/l 99
18) Methyl Acetate	4.27	43	84753	44.036	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	195246	50.166	ug/l 99
20) Methylene Chloride	4.50	84	58841	49.400	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	54644	49.268	ug/l 99
22) Diisopropyl ether	5.90	45	228896	52.266	ug/l 99
23) Vinyl Acetate	5.84	43	850123	241.083	ug/l 99
24) 1,1-Dichloroethane	5.80	63	115531	50.490	ug/l 100
25) 2-Butanone	6.78	43	227879	252.110	ug/l 98
26) 2,2-Dichloropropane	6.77	77	90538	46.976	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	69571	53.452	ug/l 100
28) Bromochloromethane	7.15	49	59497	54.859	ug/l 96
29) Tetrahydrofuran	7.17	42	154173	253.208	ug/l 98
30) Chloroform	7.33	83	115775	49.928	ug/l 99
31) Cyclohexane	7.61	56	95101	42.796	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	99042	49.050	ug/l 99
36) 1,1-Dichloropropene	7.75	75	82373	48.822	ug/l 100
37) Ethyl Acetate	6.88	43	93332	47.186	ug/l 100
38) Carbon Tetrachloride	7.73	117	77427	50.284	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	78082	41.266	ug/l	97
40) Benzene	8.00	78	245493	48.839	ug/l	99
41) Methacrylonitrile	7.12	41	46370	56.463	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	97431	51.165	ug/l	99
43) Isopropyl Acetate	8.13	43	158929	48.415	ug/l	100
44) Trichloroethene	8.80	130	65553	48.242	ug/l	99
45) 1,2-Dichloropropane	9.08	63	67309	50.122	ug/l	99
46) Dibromomethane	9.17	93	43048	51.773	ug/l	98
47) Bromodichloromethane	9.37	83	92444	51.798	ug/l	99
48) Methyl methacrylate	9.17	41	79172	53.448	ug/l	96
49) 1,4-Dioxane	9.17	88	15647	930.558	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	502117	259.865	ug/l	100
52) Toluene	10.12	92	149261	49.299	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	99712	49.584	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	102642	48.279	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	59669	49.409	ug/l	98
56) Ethyl methacrylate	10.40	69	96718	46.180	ug/l	100
57) 1,3-Dichloropropane	10.68	76	107996	50.876	ug/l	100
59) 2-Hexanone	10.72	43	359628	255.830	ug/l	100
60) Dibromochloromethane	10.87	129	64441	50.949	ug/l	99
61) 1,2-Dibromoethane	10.98	107	60058	49.617	ug/l	99
64) Tetrachloroethene	10.60	164	89086	65.471	ug/l	99
65) Chlorobenzene	11.41	112	155573	49.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57687	51.719	ug/l	99
67) Ethyl Benzene	11.48	91	292219	50.090	ug/l	99
68) m/p-Xylenes	11.60	106	210042	98.362	ug/l	96
69) o-Xylene	11.92	106	99796	48.653	ug/l	95
70) Styrene	11.94	104	167013	48.649	ug/l	98
71) Bromoform	12.10	173	42975	52.424	ug/l #	99
73) Isopropylbenzene	12.22	105	274429	47.989	ug/l	100
74) N-amyl acetate	12.04	43	135971	46.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	89477	50.179	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	80352m	48.995	ug/l	
77) Bromobenzene	12.50	156	64899	49.162	ug/l	99
78) n-propylbenzene	12.57	91	326604	48.151	ug/l	100
79) 2-Chlorotoluene	12.65	91	193931	48.643	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232175	49.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	31026	48.043	ug/l	97
82) 4-Chlorotoluene	12.75	91	206251	49.084	ug/l	98
83) tert-Butylbenzene	12.97	119	188201	47.157	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	234528	48.095	ug/l	99
85) sec-Butylbenzene	13.15	105	251601	46.240	ug/l	99
86) p-Isopropyltoluene	13.26	119	226600	46.222	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	116620	47.987	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	116949	47.099	ug/l	100
89) n-Butylbenzene	13.59	91	203130	45.197	ug/l	100
90) Hexachloroethane	13.85	117	34395	64.630	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	112091	48.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	18388	48.826	ug/l	98
93) 1,2,4-Trichlorobenzene	14.89	180	63854	45.000	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	26832	45.263	ug/l	99
95) Naphthalene	15.10	128	204206	44.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	62604	44.687	ug/l	100

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

