

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061353.D
 Acq On : 8 May 2020 11:53
 Operator : JC/MD
 Sample : VN0508WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/11/2020 12:36:37 PM

Quant Time: May 11 01:30:29 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	7.62	168	94762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	160748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	149939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	69230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	79659	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.54	113	44187	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	10.06	98	200138	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.38	95	73810	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	18430	18.341	ug/l	99
3) Chloromethane	2.03	50	24492	20.124	ug/l	99
4) Vinyl Chloride	2.16	62	26785	19.377	ug/l	99
5) Bromomethane	2.53	94	11568	16.930	ug/l	100
6) Chloroethane	2.67	64	16455	18.781	ug/l	100
7) Trichlorofluoromethane	2.98	101	34919	22.391	ug/l	99
8) Diethyl Ether	3.37	74	14747	22.670	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	20735	20.638	ug/l	99
10) Methyl Iodide	3.91	142	21545	16.686	ug/l	99
11) Tert butyl alcohol	4.72	59	24437	121.662	ug/l	97
12) 1,1-Dichloroethene	3.69	96	19442	19.446	ug/l	97
13) Acrolein	3.56	56	13053	97.517	ug/l	96
14) Allyl chloride	4.27	41	42201	22.764	ug/l	98
15) Acrylonitrile	4.92	53	68372	110.888	ug/l	100
16) Acetone	3.77	43	65286	109.476	ug/l	97
17) Carbon Disulfide	4.01	76	40040	14.498	ug/l	100
18) Methyl Acetate	4.27	43	38886	20.945	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	79343	20.768	ug/l	98
20) Methylene Chloride	4.50	84	23622	20.204	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	20903	19.200	ug/l	98
22) Diisopropyl ether	5.90	45	90545	21.062	ug/l	99
23) Vinyl Acetate	5.84	43	362840	104.825	ug/l	99
24) 1,1-Dichloroethane	5.79	63	45412	20.218	ug/l	100
25) 2-Butanone	6.78	43	96427	108.680	ug/l	99
26) 2,2-Dichloropropane	6.77	77	39005	20.617	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	24850	19.450	ug/l	97
28) Bromochloromethane	7.14	49	22378	21.020	ug/l	98
29) Tetrahydrofuran	7.16	42	64424	107.791	ug/l	98
30) Chloroform	7.32	83	44709	19.642	ug/l	98
31) Cyclohexane	7.61	56	37542	17.211	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	38132	19.238	ug/l	98
36) 1,1-Dichloropropene	7.75	75	31236	19.411	ug/l	98
37) Ethyl Acetate	6.88	43	41123	21.799	ug/l	100
38) Carbon Tetrachloride	7.73	117	28192	20.611	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	29880	16.557	ug/l	99
40) Benzene	8.00	78	95561	19.933	ug/l	100
41) Methacrylonitrile	7.13	41	16738m	21.370	ug/l	
42) 1,2-Dichloroethane	8.08	62	39266	21.620	ug/l	99
43) Isopropyl Acetate	8.12	43	65880	21.042	ug/l	99
44) Trichloroethene	8.80	130	23629	18.233	ug/l	99
45) 1,2-Dichloropropane	9.08	63	26983	21.068	ug/l	99
46) Dibromomethane	9.17	93	16461	20.757	ug/l	97
47) Bromodichloromethane	9.37	83	35992	21.145	ug/l	99
48) Methyl methacrylate	9.17	41	30104	21.308	ug/l	96
49) 1,4-Dioxane	9.17	88	7126	444.351	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	203926	110.658	ug/l	99
52) Toluene	10.12	92	57104	19.775	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	38697	20.176	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	41131	20.285	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	23913	20.762	ug/l	98
56) Ethyl methacrylate	10.40	69	35584	19.489	ug/l	97
57) 1,3-Dichloropropane	10.68	76	42670	21.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	91316	97.946	ug/l	98
59) 2-Hexanone	10.72	43	145780	108.734	ug/l	98
60) Dibromochloromethane	10.87	129	25095	20.803	ug/l	97
61) 1,2-Dibromoethane	10.98	107	23632	20.471	ug/l	99
64) Tetrachloroethene	10.60	164	22765	17.530	ug/l	99
65) Chlorobenzene	11.40	112	59623	20.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	22013	20.679	ug/l	99
67) Ethyl Benzene	11.48	91	107189	19.251	ug/l	100
68) m/p-Xylenes	11.59	106	78540	38.538	ug/l	99
69) o-Xylene	11.92	106	36468	18.629	ug/l	95
70) Styrene	11.94	104	63816	19.477	ug/l	99
71) Bromoform	12.10	173	16665	21.301	ug/l #	98
73) Isopropylbenzene	12.22	105	100272	19.702	ug/l	99
74) N-amyl acetate	12.04	43	52767	20.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	35339	22.268	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	34749m	23.808	ug/l	
77) Bromobenzene	12.50	156	24381	20.752	ug/l	98
78) n-propylbenzene	12.57	91	120016	19.881	ug/l	100
79) 2-Chlorotoluene	12.65	91	71754	20.223	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	84713	20.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	12032	20.934	ug/l	96
82) 4-Chlorotoluene	12.75	91	75969	20.314	ug/l	99
83) tert-Butylbenzene	12.97	119	67206	18.921	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	84643	19.504	ug/l	100
85) sec-Butylbenzene	13.15	105	92112	19.022	ug/l	99
86) p-Isopropyltoluene	13.26	119	81490	18.677	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	43031	19.896	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	43802	19.821	ug/l	98
89) n-Butylbenzene	13.59	91	72222	18.056	ug/l	99
90) Hexachloroethane	13.85	117	10787	27.714	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	41805	20.159	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7351	21.933	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	23299	18.450	ug/l	99
94) Hexachlorobutadiene	14.99	225	10882	20.626	ug/l	96
95) Naphthalene	15.11	128	74384	18.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	23508	18.855	ug/l	99

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

