

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060649.D
 Acq On : 20 Mar 2020 13:55
 Operator : JC/MD
 Sample : VN0320WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/23/2020 2:27:09 PM

Quant Time: Mar 20 23:56:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	308783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	279877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131725	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127908	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.56	113	92882	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.08	98	370195	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.40	95	134725	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.83	85	34838	19.22	ug/l	99
3) Chloromethane	2.04	50	59837	17.68	ug/l	98
4) Vinyl Chloride	2.16	62	47335	17.88	ug/l	98
5) Bromomethane	2.55	94	23088	20.20	ug/l	100
6) Chloroethane	2.69	64	28412	18.63	ug/l	99
7) Trichlorofluoromethane	3.00	101	62208	19.07	ug/l	100
8) Diethyl Ether	3.38	74	25253	19.27	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36640	19.39	ug/l	99
10) Methyl Iodide	3.93	142	33425	19.88	ug/l	100
11) Tert butyl alcohol	4.73	59	37672	99.62	ug/l	100
12) 1,1-Dichloroethene	3.72	96	36912	18.20	ug/l	99
13) Acrolein	3.58	56	30633	73.09	ug/l	98
14) Allyl chloride	4.29	41	66040	18.51	ug/l	100
15) Acrylonitrile	4.94	53	109974	98.89	ug/l	99
16) Acetone	3.78	43	92494	101.55	ug/l	97
17) Carbon Disulfide	4.03	76	112347	18.22	ug/l	100
18) Methyl Acetate	4.28	43	50555	19.72	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	132770	19.04	ug/l	97
20) Methylene Chloride	4.52	84	42792	19.10	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	40444	18.71	ug/l	97
22) Diisopropyl ether	5.91	45	148019	19.64	ug/l	97
23) Vinyl Acetate	5.86	43	609107	99.07	ug/l	100
24) 1,1-Dichloroethane	5.82	63	79719	19.41	ug/l	100
25) 2-Butanone	6.80	43	142741	96.85	ug/l	99
26) 2,2-Dichloropropane	6.80	77	65210	20.18	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	47162	19.20	ug/l	99
28) Bromochloromethane	7.17	49	40580	20.65	ug/l	99
29) Tetrahydrofuran	7.18	42	100722	96.58	ug/l	99
30) Chloroform	7.34	83	75222	19.10	ug/l	99
31) Cyclohexane	7.63	56	76481	18.47	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	64250	18.92	ug/l	97
36) 1,1-Dichloropropene	7.77	75	58926	19.71	ug/l	100
37) Ethyl Acetate	6.89	43	62362	19.30	ug/l	99
38) Carbon Tetrachloride	7.75	117	50563	18.87	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	68930	19.40	ug/l	97
40) Benzene	8.02	78	173969	19.27	ug/l	98
41) Methacrylonitrile	7.14	41	28415	20.61	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	62305	20.20	ug/l	100
43) Isopropyl Acetate	8.14	43	104665	19.64	ug/l	99
44) Trichloroethene	8.82	130	45344	19.93	ug/l	98
45) 1,2-Dichloropropane	9.10	63	47519	19.95	ug/l	96
46) Dibromomethane	9.19	93	29396	20.42	ug/l	99
47) Bromodichloromethane	9.38	83	58546	19.57	ug/l	99
48) Methyl methacrylate	9.18	41	45274	19.09	ug/l	97
49) 1,4-Dioxane	9.18	88	12955	459.45	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	304921	100.57	ug/l	100
52) Toluene	10.14	92	105689	19.39	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	68795	20.02	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	75014	19.90	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	42063	20.06	ug/l	99
56) Ethyl methacrylate	10.42	69	63193	19.33	ug/l	96
57) 1,3-Dichloropropane	10.70	76	73238	20.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	164608	101.29	ug/l	100
59) 2-Hexanone	10.74	43	216388	99.08	ug/l	100
60) Dibromochloromethane	10.89	129	43435	20.05	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42387	20.10	ug/l	100
64) Tetrachloroethene	10.62	164	44968	20.42	ug/l	99
65) Chlorobenzene	11.43	112	107864	19.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	39545	19.69	ug/l	98
67) Ethyl Benzene	11.50	91	203128	19.69	ug/l	99
68) m/p-Xylenes	11.61	106	149887	39.09	ug/l	99
69) o-Xylene	11.94	106	72322	19.76	ug/l	99
70) Styrene	11.96	104	116213	19.41	ug/l	100
71) Bromoform	12.12	173	30168	19.14	ug/l #	99
73) Isopropylbenzene	12.24	105	192551	19.48	ug/l	99
74) N-amyl acetate	12.06	43	87256	19.10	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59250	19.82	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	54822m	19.29	ug/l	
77) Bromobenzene	12.52	156	45368	19.05	ug/l	99
78) n-propylbenzene	12.59	91	226950	19.43	ug/l	99
79) 2-Chlorotoluene	12.67	91	132642	19.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	162180	19.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21067	19.04	ug/l	97
82) 4-Chlorotoluene	12.77	91	137397	19.33	ug/l	100
83) tert-Butylbenzene	12.99	119	133512	19.20	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	161176	19.42	ug/l	100
85) sec-Butylbenzene	13.17	105	178887	19.13	ug/l	100
86) p-Isopropyltoluene	13.28	119	161558	19.21	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	82455	19.63	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	81881	19.40	ug/l	99
89) n-Butylbenzene	13.61	91	145713	19.19	ug/l	99
90) Hexachloroethane	13.87	117	20462	16.74	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	79126	19.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11615	18.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	49910	20.23	ug/l	98
94) Hexachlorobutadiene	15.01	225	23557	19.48	ug/l	100
95) Naphthalene	15.13	128	149576	20.16	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47602	19.59	ug/l	99

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

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