

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065050.D
 Acq On : 10 Dec 2020 18:31
 Operator : JC/MD
 Sample : VN1210WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:44 PM

Quant Time: Dec 11 04:04:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	199539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	308390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	280481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134666	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	112788	47.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.96%
35) Dibromofluoromethane	7.55	113	98244	48.15	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.30%
50) Toluene-d8	10.06	98	374428	47.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.68%
62) 4-Bromofluorobenzene	12.38	95	128701	47.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.94%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	23605	18.504	ug/l	94
3) Chloromethane	2.04	50	31193	17.934	ug/l	98
4) Vinyl Chloride	2.17	62	33985	18.291	ug/l	96
5) Bromomethane	2.53	94	23371	18.033	ug/l	92
6) Chloroethane	2.67	64	22744	17.892	ug/l	96
7) Trichlorofluoromethane	2.99	101	52431	17.774	ug/l	95
8) Diethyl Ether	3.38	74	21307	18.190	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32632	17.759	ug/l	99
10) Methyl Iodide	3.91	142	37475	16.857	ug/l	98
11) Tert butyl alcohol	4.74	59	26549	92.263	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	29725	17.278	ug/l	98
13) Acrolein	3.57	56	20253	87.029	ug/l	99
14) Allyl chloride	4.28	41	47481	17.030	ug/l	95
15) Acrylonitrile	4.94	53	81722	90.354	ug/l	99
16) Acetone	3.78	43	71183	84.477	ug/l	100
17) Carbon Disulfide	4.01	76	68373	17.954	ug/l	100
18) Methyl Acetate	4.28	43	40911	19.266	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	104400	18.002	ug/l	95
20) Methylene Chloride	4.51	84	37742	17.582	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	32976	17.556	ug/l	98
22) Diisopropyl ether	5.90	45	111122	18.282	ug/l	95
23) Vinyl Acetate	5.85	43	420845	89.589	ug/l	100
24) 1,1-Dichloroethane	5.80	63	64442	17.899	ug/l	98
25) 2-Butanone	6.79	43	101461	87.314	ug/l	97
26) 2,2-Dichloropropane	6.78	77	54636	17.710	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	40326	17.781	ug/l	99
28) Bromochloromethane	7.15	49	30541	17.847	ug/l	100
29) Tetrahydrofuran	7.17	42	66073	90.575	ug/l	98
30) Chloroform	7.33	83	67564	18.157	ug/l	99
31) Cyclohexane	7.61	56	47408	18.681	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	56279	17.657	ug/l	97
36) 1,1-Dichloropropene	7.75	75	46662	17.740	ug/l	99
37) Ethyl Acetate	6.88	43	42914	17.943	ug/l #	80
38) Carbon Tetrachloride	7.73	117	50828	18.188	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	43996	17.019	ug/l	99
40) Benzene	8.00	78	147441	18.098	ug/l	98
41) Methacrylonitrile	7.13	41	21626	17.402	ug/l	96
42) 1,2-Dichloroethane	8.09	62	51114	18.503	ug/l	99
43) Isopropyl Acetate	8.13	43	70835	17.818	ug/l	98
44) Trichloroethene	8.80	130	41226	18.118	ug/l	99
45) 1,2-Dichloropropane	9.08	63	40265	18.271	ug/l	96
46) Dibromomethane	9.17	93	26283	18.410	ug/l	98
47) Bromodichloromethane	9.37	83	53268	18.216	ug/l	98
48) Methyl methacrylate	9.17	41	35161	18.631	ug/l	97
49) 1,4-Dioxane	9.17	88	12257	359.703	ug/l #	95
51) 4-Methyl-2-Pentanone	9.95	43	222382	93.566	ug/l	98
52) Toluene	10.12	92	94402	18.491	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	55767	17.894	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	61896	17.756	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	38023	17.988	ug/l	98
56) Ethyl methacrylate	10.40	69	49027	17.564	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64325	18.497	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.66	63	136029	91.449	ug/l	100
59) 2-Hexanone	10.72	43	153914	89.888	ug/l	97
60) Dibromochloromethane	10.87	129	42974	17.869	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37312	17.634	ug/l	95
64) Tetrachloroethene	10.60	164	42824	17.969	ug/l	98
65) Chlorobenzene	11.41	112	103797	18.068	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39833	18.038	ug/l	99
67) Ethyl Benzene	11.48	91	165769	17.295	ug/l	99
68) m/p-Xylenes	11.59	106	130643	35.169	ug/l	97
69) o-Xylene	11.92	106	62808	17.716	ug/l	98
70) Styrene	11.94	104	105430	17.583	ug/l	99
71) Bromoform	12.10	173	29535	17.609	ug/l #	99
73) Isopropylbenzene	12.22	105	163039	18.207	ug/l	99
74) N-amyl acetate	12.05	43	58799	18.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	50961	18.737	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	50722m	19.336	ug/l	
77) Bromobenzene	12.50	156	44159	18.544	ug/l	99
78) n-propylbenzene	12.56	91	181676	17.986	ug/l	99
79) 2-Chlorotoluene	12.65	91	113536	18.377	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	139677	18.536	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	16337	17.727	ug/l	94
82) 4-Chlorotoluene	12.75	91	119544	18.359	ug/l	100
83) tert-Butylbenzene	12.97	119	114595	18.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	139937	18.394	ug/l	100
85) sec-Butylbenzene	13.14	105	145540	17.957	ug/l	99
86) p-Isopropyltoluene	13.26	119	133487	17.874	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	76052	17.972	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	76582	17.847	ug/l	97
89) n-Butylbenzene	13.59	91	104670	17.054	ug/l	99
90) Hexachloroethane	13.85	117	24638	18.200	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	75999	18.043	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9286	17.413	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	33819	18.696	ug/l	94
94) Hexachlorobutadiene	14.98	225	21060	18.109	ug/l	97
95) Naphthalene	15.10	128	96307	18.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	32266	18.747	ug/l	98

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

