

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064938.D
 Acq On : 7 Dec 2020 12:23
 Operator : JC/MD
 Sample : VN1207WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:04:04 PM

Quant Time: Dec 08 07:27:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	196670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	272189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	112395	49.16	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.32%
35) Dibromofluoromethane	7.55	113	96253	52.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.66%
50) Toluene-d8	10.06	98	365477	49.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.18%
62) 4-Bromofluorobenzene	12.37	95	129606	48.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	25717	15.088	ug/l	99
3) Chloromethane	2.04	50	34160	15.422	ug/l	98
4) Vinyl Chloride	2.17	62	36579	15.840	ug/l	98
5) Bromomethane	2.53	94	24397	16.103	ug/l	98
6) Chloroethane	2.68	64	24184	16.932	ug/l	99
7) Trichlorofluoromethane	2.99	101	53847	16.868	ug/l	93
8) Diethyl Ether	3.37	74	23230	18.436	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34588	18.062	ug/l	98
10) Methyl Iodide	3.90	142	36754	14.797	ug/l	98
11) Tert butyl alcohol	4.74	59	28636	80.309	ug/l	99
12) 1,1-Dichloroethene	3.69	96	32824	17.211	ug/l	99
13) Acrolein	3.56	56	18120	83.195	ug/l	99
14) Allyl chloride	4.27	41	53048	16.865	ug/l	98
15) Acrylonitrile	4.93	53	85088	86.380	ug/l	99
16) Acetone	3.78	43	71036	94.512	ug/l	99
17) Carbon Disulfide	4.01	76	77836	15.811	ug/l	98
18) Methyl Acetate	4.28	43	40030	17.714	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	111941	18.301	ug/l	98
20) Methylene Chloride	4.51	84	40628	17.250	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35215	16.628	ug/l	97
22) Diisopropyl ether	5.90	45	118135	18.764	ug/l	98
23) Vinyl Acetate	5.84	43	452899	89.956	ug/l	99
24) 1,1-Dichloroethane	5.79	63	68499	18.205	ug/l	99
25) 2-Butanone	6.79	43	106623	87.511	ug/l	98
26) 2,2-Dichloropropane	6.77	77	57178	17.521	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	42236	17.723	ug/l	99
28) Bromochloromethane	7.15	49	30387	17.653	ug/l	94
29) Tetrahydrofuran	7.17	42	69376	82.487	ug/l	99
30) Chloroform	7.33	83	71297	18.375	ug/l	98
31) Cyclohexane	7.61	56	52783	16.563	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	59613	17.888	ug/l	98
36) 1,1-Dichloropropene	7.75	75	49808	17.648	ug/l	98
37) Ethyl Acetate	6.88	43	45010	16.556	ug/l	98
38) Carbon Tetrachloride	7.73	117	51066	17.389	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	47782	15.727	ug/l	98
40) Benzene	8.00	78	153555	17.755	ug/l	97
41) Methacrylonitrile	7.13	41	21581	17.204	ug/l	94
42) 1,2-Dichloroethane	8.08	62	52439	17.974	ug/l	100
43) Isopropyl Acetate	8.13	43	75616	17.285	ug/l	99
44) Trichloroethene	8.80	130	44568	17.466	ug/l	91
45) 1,2-Dichloropropane	9.08	63	41535	18.545	ug/l	99
46) Dibromomethane	9.17	93	27072	18.093	ug/l	98
47) Bromodichloromethane	9.37	83	53292	17.701	ug/l	99
48) Methyl methacrylate	9.16	41	34559	16.533	ug/l	95
49) 1,4-Dioxane	9.17	88	12747	322.642	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	228093	86.850	ug/l	99
52) Toluene	10.12	92	96355	18.091	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	59872	17.855	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	65107	18.114	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	40287	18.395	ug/l	98
56) Ethyl methacrylate	10.40	69	53545	17.716	ug/l	98
57) 1,3-Dichloropropane	10.68	76	66951	18.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	152213	91.557	ug/l	100
59) 2-Hexanone	10.72	43	161982	85.700	ug/l	98
60) Dibromochloromethane	10.87	129	44553	18.300	ug/l	100
61) 1,2-Dibromoethane	10.97	107	39230	17.630	ug/l	98
64) Tetrachloroethene	10.60	164	44732	16.892	ug/l	96
65) Chlorobenzene	11.40	112	107872	18.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41343	19.246	ug/l	100
67) Ethyl Benzene	11.48	91	174234	17.843	ug/l	98
68) m/p-Xylenes	11.59	106	138158	37.370	ug/l	98
69) o-Xylene	11.92	106	64532	18.394	ug/l	98
70) Styrene	11.94	104	109944	18.564	ug/l	99
71) Bromoform	12.10	173	31252	18.215	ug/l #	96
73) Isopropylbenzene	12.22	105	172690	18.969	ug/l	100
74) N-amyl acetate	12.05	43	61942	17.289	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51316	19.231	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	53999m	19.157	ug/l	
77) Bromobenzene	12.50	156	44781	18.245	ug/l	99
78) n-propylbenzene	12.56	91	189970	18.317	ug/l	99
79) 2-Chlorotoluene	12.65	91	115791	18.062	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	142796	18.870	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16662	16.201	ug/l	94
82) 4-Chlorotoluene	12.75	91	122488	18.228	ug/l	99
83) tert-Butylbenzene	12.97	119	119058	18.771	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	142108	18.574	ug/l	97
85) sec-Butylbenzene	13.14	105	153342	18.208	ug/l	99
86) p-Isopropyltoluene	13.26	119	140470	18.321	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	79543	18.241	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	79775	17.299	ug/l	98
89) n-Butylbenzene	13.59	91	113002	16.783	ug/l	99
90) Hexachloroethane	13.85	117	24053	18.059	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	79130	18.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9859	16.420	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40912	15.446	ug/l	99
94) Hexachlorobutadiene	14.98	225	20957	17.812	ug/l	96
95) Naphthalene	15.10	128	116949	14.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	39217	16.538	ug/l	99

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

