

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064961.D
 Acq On : 8 Dec 2020 11:44
 Operator : JC/MD
 Sample : VN1208WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:55:44 AM

Quant Time: Dec 08 16:28:58 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	213537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	320643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	292090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	117200	47.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.42%
35) Dibromofluoromethane	7.55	113	104747	54.59	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.18%
50) Toluene-d8	10.05	98	394610	50.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.68%
62) 4-Bromofluorobenzene	12.37	95	139743	49.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.62%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	27313	14.758	ug/l 95
3) Chloromethane	2.04	50	35766	14.872	ug/l 98
4) Vinyl Chloride	2.17	62	38919	15.522	ug/l 98
5) Bromomethane	2.53	94	27945	16.988	ug/l 99
6) Chloroethane	2.68	64	25343	16.342	ug/l 99
7) Trichlorofluoromethane	2.99	101	59496	17.166	ug/l 100
8) Diethyl Ether	3.37	74	24079	17.600	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	37729	18.146	ug/l 99
10) Methyl Iodide	3.91	142	39684	14.715	ug/l 97
11) Tert butyl alcohol	4.74	59	29247	75.544	ug/l # 89
12) 1,1-Dichloroethene	3.69	96	35311	17.053	ug/l 99
13) Acrolein	3.56	56	19454	82.265	ug/l 97
14) Allyl chloride	4.28	41	56809	16.634	ug/l 97
15) Acrylonitrile	4.93	53	86187	80.585	ug/l 100
16) Acetone	3.78	43	73208	89.708	ug/l 93
17) Carbon Disulfide	4.00	76	82738	15.479	ug/l 100
18) Methyl Acetate	4.28	43	41181	16.784	ug/l 97
19) Methyl tert-butyl Ether	4.99	73	117584	17.706	ug/l 98
20) Methylene Chloride	4.50	84	43219	16.901	ug/l 98
21) trans-1,2-Dichloroethene	4.98	96	37107	16.137	ug/l 97
22) Diisopropyl ether	5.90	45	125047	18.293	ug/l 95
23) Vinyl Acetate	5.84	43	470384	86.049	ug/l 99
24) 1,1-Dichloroethane	5.79	63	71779	17.570	ug/l 99
25) 2-Butanone	6.78	43	114973	86.910	ug/l 98
26) 2,2-Dichloropropane	6.77	77	63693	17.976	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	44720	17.283	ug/l 99
28) Bromochloromethane	7.14	49	32383	17.327	ug/l 96
29) Tetrahydrofuran	7.17	42	70199	76.873	ug/l 99
30) Chloroform	7.32	83	74108	17.590	ug/l 99
31) Cyclohexane	7.61	56	56173	16.235	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	65245	18.031	ug/l 97
36) 1,1-Dichloropropene	7.75	75	52581	17.692	ug/l 98
37) Ethyl Acetate	6.88	43	44119	15.411	ug/l 96
38) Carbon Tetrachloride	7.73	117	56542	18.284	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51870	16.212	ug/l	99
40) Benzene	8.00	78	163005	17.898	ug/l	98
41) Methacrylonitrile	7.12	41	17748	13.435	ug/l	87
42) 1,2-Dichloroethane	8.08	62	55533	18.075	ug/l	98
43) Isopropyl Acetate	8.12	43	78709	17.086	ug/l	97
44) Trichloroethene	8.80	130	47415	17.645	ug/l	97
45) 1,2-Dichloropropane	9.08	63	44465	18.853	ug/l	98
46) Dibromomethane	9.17	93	28164	17.875	ug/l	98
47) Bromodichloromethane	9.37	83	58600	18.484	ug/l	99
48) Methyl methacrylate	9.16	41	37015	16.815	ug/l	100
49) 1,4-Dioxane	9.16	88	12488	300.162	ug/l	90
51) 4-Methyl-2-Pentanone	9.95	43	234093	84.644	ug/l	99
52) Toluene	10.12	92	103683	18.486	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	62609	17.730	ug/l	96
54) cis-1,3-Dichloropropene	9.80	75	68667	18.142	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	41991	18.207	ug/l	96
56) Ethyl methacrylate	10.40	69	55619	17.476	ug/l	97
57) 1,3-Dichloropropane	10.68	76	68881	18.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	155099	88.593	ug/l	99
59) 2-Hexanone	10.72	43	166808	83.807	ug/l	99
60) Dibromochloromethane	10.87	129	46750	18.235	ug/l	99
61) 1,2-Dibromoethane	10.97	107	41384	17.661	ug/l	100
64) Tetrachloroethene	10.60	164	47853	16.839	ug/l	99
65) Chlorobenzene	11.40	112	114775	18.298	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	43583	18.907	ug/l	99
67) Ethyl Benzene	11.48	91	190055	18.137	ug/l	98
68) m/p-Xylenes	11.59	106	148141	37.340	ug/l	100
69) o-Xylene	11.92	106	70000	18.593	ug/l	99
70) Styrene	11.94	104	118175	18.594	ug/l	98
71) Bromoform	12.10	173	31725	17.231	ug/l #	100
73) Isopropylbenzene	12.22	105	189031	19.545	ug/l	98
74) N-amyl acetate	12.04	43	64114	16.845	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	52757	18.610	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	52370m	17.489	ug/l	
77) Bromobenzene	12.50	156	47668	18.281	ug/l	98
78) n-propylbenzene	12.56	91	206710	18.761	ug/l	98
79) 2-Chlorotoluene	12.65	91	128911	18.928	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	156665	19.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18133	16.597	ug/l	93
82) 4-Chlorotoluene	12.74	91	133352	18.680	ug/l	100
83) tert-Butylbenzene	12.96	119	126923	18.836	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	156942	19.309	ug/l	100
85) sec-Butylbenzene	13.14	105	166272	18.585	ug/l	100
86) p-Isopropyltoluene	13.26	119	154575	18.977	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	87266	18.837	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	87324	17.824	ug/l	99
89) n-Butylbenzene	13.59	91	121505	16.986	ug/l	99
90) Hexachloroethane	13.85	117	27279	19.278	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	86729	19.067	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10252	16.073	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	42499	15.103	ug/l	99
94) Hexachlorobutadiene	14.98	225	23160	18.514	ug/l	97
95) Naphthalene	15.10	128	117784	13.972	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	39934	15.910	ug/l	98

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

