

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064392.D
 Acq On : 30 Oct 2020 11:51
 Operator : JC/MD
 Sample : VN1030WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:11:34 PM

Quant Time: Oct 30 13:47:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	243412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	397731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	356547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	191898	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.55	113	134530	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.06	98	485519	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.37	95	187165	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49891	17.831	ug/l	97
3) Chloromethane	2.04	50	52985	17.518	ug/l	100
4) Vinyl Chloride	2.16	62	54151	18.509	ug/l	98
5) Bromomethane	2.54	94	33214	17.570	ug/l	96
6) Chloroethane	2.68	64	33443	19.131	ug/l	96
7) Trichlorofluoromethane	2.99	101	95838	19.554	ug/l	99
8) Diethyl Ether	3.37	74	28598	18.445	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47213	19.166	ug/l	97
10) Methyl Iodide	3.91	142	50231	15.281	ug/l #	96
11) Tert butyl alcohol	4.73	59	45288	79.756	ug/l	97
12) 1,1-Dichloroethene	3.70	96	43184	18.570	ug/l	96
13) Acrolein	3.57	56	7965	77.747	ug/l	100
14) Allyl chloride	4.28	41	82139	17.298	ug/l	100
15) Acrylonitrile	4.93	53	108631	88.961	ug/l	100
16) Acetone	3.77	43	121535	86.326	ug/l	97
17) Carbon Disulfide	4.01	76	114963	16.709	ug/l	98
18) Methyl Acetate	4.28	43	52896	18.002	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	164233	18.381	ug/l	100
20) Methylene Chloride	4.51	84	51191	18.453	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	47700	18.387	ug/l	97
22) Diisopropyl ether	5.90	45	173111	18.651	ug/l	95
23) Vinyl Acetate	5.84	43	718654	91.522	ug/l	99
24) 1,1-Dichloroethane	5.80	63	95029	18.297	ug/l	97
25) 2-Butanone	6.78	43	163358	83.175	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93669	18.428	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	56076	18.888	ug/l	99
28) Bromochloromethane	7.15	49	42354	17.117	ug/l	97
29) Tetrahydrofuran	7.16	42	104621	82.054	ug/l	97
30) Chloroform	7.33	83	102040	18.407	ug/l	99
31) Cyclohexane	7.61	56	76929	16.946	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	96761	18.177	ug/l	99
36) 1,1-Dichloropropene	7.75	75	74038	18.445	ug/l	99
37) Ethyl Acetate	6.88	43	65726	16.210	ug/l	97
38) Carbon Tetrachloride	7.73	117	87022	18.700	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	64428	16.187	ug/l	97
40) Benzene	8.00	78	203844	18.244	ug/l	98
41) Methacrylonitrile	7.13	41	31849m	15.824	ug/l	
42) 1,2-Dichloroethane	8.08	62	92622	19.190	ug/l	100
43) Isopropyl Acetate	8.12	43	126647	18.273	ug/l #	88
44) Trichloroethene	8.80	130	54740	18.702	ug/l	96
45) 1,2-Dichloropropane	9.08	63	54152	18.099	ug/l	95
46) Dibromomethane	9.17	93	39048	18.655	ug/l	98
47) Bromodichloromethane	9.37	83	80795	17.417	ug/l	98
48) Methyl methacrylate	9.16	41	60953	17.045	ug/l	99
49) 1,4-Dioxane	9.16	88	17230	326.902	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	351726	87.302	ug/l	100
52) Toluene	10.12	92	131018	18.583	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	89783	18.305	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	91840	18.190	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	49908	17.933	ug/l	94
56) Ethyl methacrylate	10.40	69	71408	16.950	ug/l	96
57) 1,3-Dichloropropane	10.68	76	87568	18.445	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	181176	78.808	ug/l	100
59) 2-Hexanone	10.72	43	257625	86.823	ug/l	98
60) Dibromochloromethane	10.87	129	59342	18.034	ug/l	98
61) 1,2-Dibromoethane	10.98	107	54041	19.057	ug/l	98
64) Tetrachloroethene	10.60	164	54526	18.607	ug/l	95
65) Chlorobenzene	11.41	112	139689	19.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	55217	18.900	ug/l	97
67) Ethyl Benzene	11.48	91	248774	18.512	ug/l	99
68) m/p-Xylenes	11.59	106	179083	35.959	ug/l	96
69) o-Xylene	11.92	106	89126	18.575	ug/l	98
70) Styrene	11.94	104	144290	18.342	ug/l	97
71) Bromoform	12.10	173	40675	17.739	ug/l #	96
73) Isopropylbenzene	12.22	105	234629	18.453	ug/l	95
74) N-amyl acetate	12.04	43	99765	17.826	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	68865	18.633	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	69585m	17.116	ug/l	
77) Bromobenzene	12.50	156	57425	18.443	ug/l	99
78) n-propylbenzene	12.56	91	258383	17.949	ug/l	100
79) 2-Chlorotoluene	12.65	91	166651	18.110	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	191146	17.766	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	24872	17.623	ug/l	95
82) 4-Chlorotoluene	12.75	91	174169	18.579	ug/l	100
83) tert-Butylbenzene	12.97	119	154231	17.469	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	192615	17.917	ug/l	99
85) sec-Butylbenzene	13.14	105	190191	16.647	ug/l	100
86) p-Isopropyltoluene	13.26	119	173416	16.849	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	98150	18.007	ug/l	96
88) 1,4-Dichlorobenzene	13.33	146	98110	17.672	ug/l	97
89) n-Butylbenzene	13.59	91	139665	15.403	ug/l	98
90) Hexachloroethane	13.85	117	32740	16.937	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	95834	17.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15788	17.215	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	43203	15.330	ug/l	96
94) Hexachlorobutadiene	14.98	225	23853	14.344	ug/l	96
95) Naphthalene	15.10	128	132252	15.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43084	15.907	ug/l	98

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

