

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064482.D
 Acq On : 6 Nov 2020 14:41
 Operator : JC/MD
 Sample : VN1106WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Quant Time: Nov 07 04:08:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	338579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	582915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244752	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	314144	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	7.55	113	219193	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
50) Toluene-d8	10.06	98	821511	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.38	95	300067	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	80104	18.175	ug/l	98
3) Chloromethane	2.04	50	92620	17.301	ug/l	96
4) Vinyl Chloride	2.17	62	97943	17.816	ug/l	99
5) Bromomethane	2.54	94	63501	18.081	ug/l	99
6) Chloroethane	2.68	64	63297	17.984	ug/l	100
7) Trichlorofluoromethane	2.99	101	152052	18.783	ug/l	100
8) Diethyl Ether	3.37	74	54087	18.920	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	73235	19.051	ug/l	98
10) Methyl Iodide	3.91	142	75322	16.863	ug/l	99
11) Tert butyl alcohol	4.74	59	58915	90.586	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	64943	17.935	ug/l	97
13) Acrolein	3.57	56	27062	67.082	ug/l	92
14) Allyl chloride	4.27	41	124695	17.604	ug/l	97
15) Acrylonitrile	4.93	53	165757	91.542	ug/l	98
16) Acetone	3.78	43	205951	91.677	ug/l	97
17) Carbon Disulfide	4.01	76	196299	18.128	ug/l	98
18) Methyl Acetate	4.28	43	77727	17.599	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	227076	17.424	ug/l	99
20) Methylene Chloride	4.50	84	84343	18.923	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	70012	17.029	ug/l	96
22) Diisopropyl ether	5.91	45	267764	17.808	ug/l	99
23) Vinyl Acetate	5.85	43	1090010	89.111	ug/l	99
24) 1,1-Dichloroethane	5.80	63	151165	18.295	ug/l	99
25) 2-Butanone	6.79	43	258248	90.223	ug/l	99
26) 2,2-Dichloropropane	6.78	77	137385	18.368	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	85361	17.918	ug/l	98
28) Bromochloromethane	7.15	49	73525	18.104	ug/l	98
29) Tetrahydrofuran	7.17	42	152169	86.651	ug/l	99
30) Chloroform	7.33	83	160646	18.496	ug/l	98
31) Cyclohexane	7.61	56	122432	17.078	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	141772	18.404	ug/l	99
36) 1,1-Dichloropropene	7.75	75	112902	18.334	ug/l	98
37) Ethyl Acetate	6.88	43	107002	17.621	ug/l	98
38) Carbon Tetrachloride	7.73	117	124650	18.940	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	100353	18.179	ug/l	93
40) Benzene	8.00	78	330222	18.249	ug/l	100
41) Methacrylonitrile	7.13	41	46489	17.028	ug/l	94
42) 1,2-Dichloroethane	8.08	62	138972	19.030	ug/l	97
43) Isopropyl Acetate	8.13	43	182756	18.313	ug/l	98
44) Trichloroethene	8.80	130	84940	18.605	ug/l	95
45) 1,2-Dichloropropane	9.08	63	91123	18.873	ug/l	100
46) Dibromomethane	9.17	93	60192	18.938	ug/l	97
47) Bromodichloromethane	9.37	83	130648	19.117	ug/l	98
48) Methyl methacrylate	9.17	41	90410	17.953	ug/l	99
49) 1,4-Dioxane	9.17	88	23518	354.569	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	541089	92.973	ug/l	99
52) Toluene	10.12	92	205335	18.605	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	134637	18.582	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	145801	18.821	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	80907	18.797	ug/l	98
56) Ethyl methacrylate	10.40	69	110197	16.829	ug/l	97
57) 1,3-Dichloropropane	10.68	76	142510	18.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	297196	102.700	ug/l	99
59) 2-Hexanone	10.72	43	396291	86.187	ug/l	99
60) Dibromochloromethane	10.87	129	92996	19.297	ug/l	99
61) 1,2-Dibromoethane	10.97	107	85440	19.570	ug/l	96
64) Tetrachloroethene	10.60	164	79628	18.689	ug/l	96
65) Chlorobenzene	11.41	112	219106	18.070	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	84558	18.693	ug/l	98
67) Ethyl Benzene	11.48	91	388909	18.032	ug/l	100
68) m/p-Xylenes	11.59	106	284360	36.355	ug/l	96
69) o-Xylene	11.92	106	134999	17.861	ug/l	98
70) Styrene	11.94	104	230299	18.107	ug/l	99
71) Bromoform	12.10	173	56847	17.585	ug/l #	99
73) Isopropylbenzene	12.22	105	352817	18.136	ug/l	100
74) N-amyl acetate	12.05	43	151745	16.907	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	110410	18.478	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	104951m	17.698	ug/l	
77) Bromobenzene	12.50	156	87904	18.508	ug/l	99
78) n-propylbenzene	12.57	91	415278	18.724	ug/l	99
79) 2-Chlorotoluene	12.65	91	260528	18.521	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	302891	18.873	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	37629	17.717	ug/l	94
82) 4-Chlorotoluene	12.75	91	280225	19.022	ug/l	99
83) tert-Butylbenzene	12.97	119	233415	18.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	305395	18.929	ug/l	99
85) sec-Butylbenzene	13.14	105	307462	19.369	ug/l	100
86) p-Isopropyltoluene	13.26	119	270691	18.958	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	151857	18.496	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	156912	18.494	ug/l	99
89) n-Butylbenzene	13.59	91	237445	19.341	ug/l	99
90) Hexachloroethane	13.85	117	52402	19.025	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	153556	19.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22776	19.145	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61717	17.541	ug/l	99
94) Hexachlorobutadiene	14.98	225	34045	21.174	ug/l	99
95) Naphthalene	15.10	128	181346	16.153	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	60887	17.910	ug/l	97

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

