

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064674.D
 Acq On : 17 Nov 2020 12:31
 Operator : JC/MD
 Sample : VN1117WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 5:15:11 PM

Quant Time: Nov 18 02:12:25 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	279127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	474361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	443866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	234895	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.54	113	167884	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	10.06	98	605284	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.37	95	217880	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	59711	16.433	ug/l	98
3) Chloromethane	2.04	50	64195	14.545	ug/l	96
4) Vinyl Chloride	2.17	62	70457	15.546	ug/l	98
5) Bromomethane	2.54	94	51068	17.638	ug/l	94
6) Chloroethane	2.68	64	50386	17.364	ug/l	96
7) Trichlorofluoromethane	2.99	101	131275	19.671	ug/l	98
8) Diethyl Ether	3.37	74	44334	18.812	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	59021	18.624	ug/l	99
10) Methyl Iodide	3.91	142	57381	15.582	ug/l	98
11) Tert butyl alcohol	4.74	59	44432	82.869	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	52607	17.623	ug/l	97
13) Acrolein	3.56	56	19532	58.728	ug/l	87
14) Allyl chloride	4.28	41	93642	16.036	ug/l	99
15) Acrylonitrile	4.93	53	125724	84.222	ug/l	97
16) Acetone	3.78	43	156404	84.451	ug/l	98
17) Carbon Disulfide	4.01	76	144138	16.146	ug/l	99
18) Methyl Acetate	4.28	43	66116	18.159	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	178143	16.581	ug/l	98
20) Methylene Chloride	4.50	84	63205	17.201	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	58310	17.203	ug/l	95
22) Diisopropyl ether	5.90	45	199464	16.091	ug/l	94
23) Vinyl Acetate	5.85	43	789268	78.268	ug/l	98
24) 1,1-Dichloroethane	5.80	63	119240	17.505	ug/l	98
25) 2-Butanone	6.79	43	186096	78.864	ug/l	99
26) 2,2-Dichloropropane	6.78	77	109736	17.796	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67563	17.202	ug/l	96
28) Bromochloromethane	7.14	49	55340	16.528	ug/l	97
29) Tetrahydrofuran	7.17	42	111993	77.357	ug/l	96
30) Chloroform	7.33	83	128290	17.917	ug/l	99
31) Cyclohexane	7.61	56	93244	15.777	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	114297	17.998	ug/l	100
36) 1,1-Dichloropropene	7.75	75	88287	17.618	ug/l	98
37) Ethyl Acetate	6.88	43	76800	15.632	ug/l	97
38) Carbon Tetrachloride	7.73	117	102057	19.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	77325	17.213	ug/l	98
40) Benzene	8.00	78	256802	17.439	ug/l	96
41) Methacrylonitrile	7.14	41	42901m	19.310	ug/l	
42) 1,2-Dichloroethane	8.08	62	110669	18.623	ug/l	98
43) Isopropyl Acetate	8.13	43	132489	16.314	ug/l	99
44) Trichloroethene	8.80	130	66766	17.971	ug/l	97
45) 1,2-Dichloropropane	9.08	63	71005	18.071	ug/l	99
46) Dibromomethane	9.17	93	48355	18.695	ug/l	99
47) Bromodichloromethane	9.37	83	104586	18.805	ug/l	97
48) Methyl methacrylate	9.16	41	65868	16.073	ug/l	98
49) 1,4-Dioxane	9.16	88	17535	324.865	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	400035	84.466	ug/l	100
52) Toluene	10.12	92	160870	17.911	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	105677	17.923	ug/l	97
54) cis-1,3-Dichloropropene	9.80	75	109603	17.386	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	65130	18.594	ug/l	96
56) Ethyl methacrylate	10.40	69	81339	15.435	ug/l	96
57) 1,3-Dichloropropane	10.68	76	108130	17.686	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	213566	93.208	ug/l	96
59) 2-Hexanone	10.72	43	282466	75.990	ug/l	100
60) Dibromochloromethane	10.87	129	75460	19.242	ug/l	97
61) 1,2-Dibromoethane	10.97	107	65389	18.405	ug/l	100
64) Tetrachloroethene	10.60	164	63880	18.683	ug/l	96
65) Chlorobenzene	11.40	112	173127	17.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	68762	18.942	ug/l	97
67) Ethyl Benzene	11.48	91	300335	17.352	ug/l	99
68) m/p-Xylenes	11.59	106	221682	35.317	ug/l	99
69) o-Xylene	11.92	106	103859	17.123	ug/l	99
70) Styrene	11.94	104	176157	17.259	ug/l	99
71) Bromoform	12.10	173	45807	17.652	ug/l #	97
73) Isopropylbenzene	12.22	105	282072	17.682	ug/l	98
74) N-amyl acetate	12.04	43	108112	14.849	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	87613	17.881	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	87342m	17.961	ug/l	
77) Bromobenzene	12.50	156	69126	17.749	ug/l	97
78) n-propylbenzene	12.56	91	324711	17.854	ug/l	99
79) 2-Chlorotoluene	12.65	91	201063	17.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	240218	18.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28054	16.108	ug/l	96
82) 4-Chlorotoluene	12.75	91	213644	17.686	ug/l	99
83) tert-Butylbenzene	12.96	119	186643	18.159	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	244915	18.513	ug/l	98
85) sec-Butylbenzene	13.14	105	249544	19.170	ug/l	99
86) p-Isopropyltoluene	13.26	119	221752	18.939	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	120604	17.914	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	117322	16.863	ug/l	98
89) n-Butylbenzene	13.59	91	191188	18.991	ug/l	97
90) Hexachloroethane	13.85	117	45717	20.241	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	120298	18.576	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17705	18.149	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	46883	16.446	ug/l	99
94) Hexachlorobutadiene	14.98	225	30951	23.474	ug/l	96
95) Naphthalene	15.10	128	129134	14.504	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	47853	17.281	ug/l	97

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

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