

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064574.D
 Acq On : 12 Nov 2020 12:18
 Operator : JC/MD
 Sample : VN1112WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:42:12 AM

Quant Time: Nov 13 03:21:56 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	7.63	168	292478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	481283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	254007	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.55	113	177390	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	10.06	98	649041	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.38	95	234905	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	66866	17.563	ug/l	99
3) Chloromethane	2.04	50	77601	16.780	ug/l	99
4) Vinyl Chloride	2.17	62	85799	18.067	ug/l	97
5) Bromomethane	2.54	94	57914	19.089	ug/l	98
6) Chloroethane	2.68	64	57096	18.779	ug/l	97
7) Trichlorofluoromethane	2.99	101	136380	19.503	ug/l	99
8) Diethyl Ether	3.37	74	47274	19.144	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	61016	18.374	ug/l	99
10) Methyl Iodide	3.91	142	66618	17.265	ug/l	96
11) Tert butyl alcohol	4.75	59	52116	92.763	ug/l	98
12) 1,1-Dichloroethene	3.70	96	57223	18.294	ug/l	98
13) Acrolein	3.57	56	24489	70.272	ug/l	99
14) Allyl chloride	4.28	41	104939	17.150	ug/l	98
15) Acrylonitrile	4.94	53	147393	94.231	ug/l	97
16) Acetone	3.78	43	160496	82.705	ug/l	100
17) Carbon Disulfide	4.01	76	165396	17.681	ug/l	100
18) Methyl Acetate	4.28	43	74483	19.523	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	194304	17.259	ug/l	97
20) Methylene Chloride	4.50	84	71482	18.565	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	61733	17.382	ug/l	99
22) Diisopropyl ether	5.90	45	225988	17.399	ug/l	95
23) Vinyl Acetate	5.85	43	900122	85.186	ug/l	98
24) 1,1-Dichloroethane	5.80	63	127036	17.798	ug/l	100
25) 2-Butanone	6.79	43	216239	87.454	ug/l	95
26) 2,2-Dichloropropane	6.78	77	116287	17.998	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	70346	17.093	ug/l	100
28) Bromochloromethane	7.15	49	60357	17.204	ug/l	97
29) Tetrahydrofuran	7.17	42	136729	90.132	ug/l	100
30) Chloroform	7.33	83	139434	18.585	ug/l	93
31) Cyclohexane	7.61	56	100014	16.150	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	121173	18.209	ug/l	98
36) 1,1-Dichloropropene	7.75	75	94747	17.683	ug/l	99
37) Ethyl Acetate	6.89	43	94301	17.839	ug/l #	92
38) Carbon Tetrachloride	7.73	117	108509	18.949	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	80753	16.813	ug/l	93
40) Benzene	8.00	78	279936	17.780	ug/l	97
41) Methacrylonitrile	7.15	41	51136m	21.527	ug/l	
42) 1,2-Dichloroethane	8.09	62	119504	18.808	ug/l	99
43) Isopropyl Acetate	8.13	43	154837	17.832	ug/l	100
44) Trichloroethene	8.80	130	72627	18.283	ug/l	95
45) 1,2-Dichloropropane	9.08	63	77944	18.554	ug/l	97
46) Dibromomethane	9.17	93	53029	19.175	ug/l	99
47) Bromodichloromethane	9.37	83	115381	19.404	ug/l	100
48) Methyl methacrylate	9.17	41	75553	17.244	ug/l	100
49) 1,4-Dioxane	9.17	88	21204	367.420	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	479002	94.595	ug/l	100
52) Toluene	10.13	92	175159	18.240	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	113417	17.991	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	120607	17.894	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	70585	18.848	ug/l	97
56) Ethyl methacrylate	10.40	69	93318	16.428	ug/l	96
57) 1,3-Dichloropropane	10.68	76	120522	18.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	251250	100.399	ug/l	97
59) 2-Hexanone	10.72	43	336795	84.279	ug/l	98
60) Dibromochloromethane	10.87	129	81161	19.356	ug/l	98
61) 1,2-Dibromoethane	10.98	107	71998	18.954	ug/l	98
64) Tetrachloroethene	10.60	164	66808	18.021	ug/l	97
65) Chlorobenzene	11.41	112	187042	17.728	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	73997	18.800	ug/l	100
67) Ethyl Benzene	11.49	91	323060	17.214	ug/l	98
68) m/p-Xylenes	11.60	106	240262	35.301	ug/l	100
69) o-Xylene	11.92	106	106605	16.209	ug/l	94
70) Styrene	11.94	104	193722	17.504	ug/l	99
71) Bromoform	12.10	173	50361	17.880	ug/l #	97
73) Isopropylbenzene	12.23	105	290469	17.122	ug/l	100
74) N-amyl acetate	12.05	43	122583	15.751	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	97764	18.762	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	94405m	18.255	ug/l	
77) Bromobenzene	12.50	156	74728	18.042	ug/l	97
78) n-propylbenzene	12.57	91	343872	17.779	ug/l	100
79) 2-Chlorotoluene	12.65	91	216856	17.678	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	248346	17.744	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	31690	17.109	ug/l	92
82) 4-Chlorotoluene	12.75	91	229793	17.887	ug/l	100
83) tert-Butylbenzene	12.97	119	190072	17.389	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	246458	17.517	ug/l	100
85) sec-Butylbenzene	13.15	105	250969	18.129	ug/l	100
86) p-Isopropyltoluene	13.26	119	223129	17.919	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	128275	17.916	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	132394	17.893	ug/l	99
89) n-Butylbenzene	13.59	91	187739	17.535	ug/l	98
90) Hexachloroethane	13.85	117	47133	19.622	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	131408	19.080	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20887	20.133	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	50993	16.759	ug/l	98
94) Hexachlorobutadiene	14.98	225	28354	20.221	ug/l	97
95) Naphthalene	15.10	128	152203	15.682	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	52190	17.652	ug/l	98

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

