

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064711.D
 Acq On : 18 Nov 2020 16:57
 Operator : JC/MD
 Sample : VN1118WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:49 PM

Quant Time: Nov 18 18:23:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	263358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	462452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	434031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194923	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	225775	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
35) Dibromofluoromethane	7.55	113	129162	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	10.06	98	581764	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.37	95	212066	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	59238	18.002	ug/l	97
3) Chloromethane	2.04	50	65140	17.902	ug/l	94
4) Vinyl Chloride	2.17	62	67572	17.797	ug/l	99
5) Bromomethane	2.53	94	52017	18.683	ug/l	92
6) Chloroethane	2.68	64	46917	18.314	ug/l	96
7) Trichlorofluoromethane	2.99	101	124735	18.343	ug/l	98
8) Diethyl Ether	3.38	74	41782	19.042	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	54988	18.711	ug/l	98
10) Methyl Iodide	3.91	142	60975	17.358	ug/l	98
11) Tert butyl alcohol	4.74	59	46699	103.899	ug/l #	82
12) 1,1-Dichloroethene	3.70	96	50815	17.947	ug/l	90
13) Acrolein	3.57	56	11956	113.617	ug/l	95
14) Allyl chloride	4.28	41	92803	19.089	ug/l	99
15) Acrylonitrile	4.93	53	126730	96.023	ug/l	100
16) Acetone	3.78	43	106118	97.817	ug/l	98
17) Carbon Disulfide	4.01	76	150054	18.307	ug/l	97
18) Methyl Acetate	4.28	43	61793	19.025	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	178365	18.827	ug/l	100
20) Methylene Chloride	4.50	84	62526	18.225	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	57156	18.091	ug/l	94
22) Diisopropyl ether	5.90	45	195145	19.007	ug/l	99
23) Vinyl Acetate	5.85	43	799499	96.490	ug/l	99
24) 1,1-Dichloroethane	5.80	63	113411	18.854	ug/l	100
25) 2-Butanone	6.78	43	177874	100.423	ug/l	98
26) 2,2-Dichloropropane	6.78	77	105272	18.417	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	65184	18.714	ug/l	100
28) Bromochloromethane	7.15	49	56600	18.662	ug/l	99
29) Tetrahydrofuran	7.17	42	114198	95.421	ug/l	99
30) Chloroform	7.33	83	124134	18.990	ug/l	99
31) Cyclohexane	7.61	56	89420	17.853	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	109767	18.372	ug/l	100
36) 1,1-Dichloropropene	7.75	75	85716	18.016	ug/l	99
37) Ethyl Acetate	6.88	43	80849	20.294	ug/l	99
38) Carbon Tetrachloride	7.73	117	95300	18.848	ug/l	98

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39) Methylcyclohexane	9.05	83	74158	17.591	ug/l	98
40) Benzene	8.00	78	247464	18.667	ug/l	98
41) Methacrylonitrile	7.13	41	36283	19.871	ug/l #	92
42) 1,2-Dichloroethane	8.08	62	107793	18.899	ug/l	99
43) Isopropyl Acetate	8.13	43	143030	18.523	ug/l	98
44) Trichloroethene	8.80	130	69113	18.166	ug/l	97
45) 1,2-Dichloropropane	9.08	63	65899	18.649	ug/l	95
46) Dibromomethane	9.17	93	47704	19.045	ug/l	98
47) Bromodichloromethane	9.37	83	97943	18.600	ug/l	98
48) Methyl methacrylate	9.16	41	68889	18.908	ug/l	95
49) 1,4-Dioxane	9.17	88	18299	402.564	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	414027	92.774	ug/l	100
52) Toluene	10.12	92	157610	19.304	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	103044	18.285	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	110009	18.958	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60709	18.539	ug/l	98
56) Ethyl methacrylate	10.40	69	82670	17.231	ug/l	95
57) 1,3-Dichloropropane	10.68	76	107218	18.901	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	238701	90.173	ug/l	98
59) 2-Hexanone	10.72	43	298339	92.623	ug/l	99
60) Dibromochloromethane	10.87	129	68355	18.067	ug/l	98
61) 1,2-Dibromoethane	10.97	107	63502	18.180	ug/l	98
64) Tetrachloroethene	10.60	164	68381	17.772	ug/l	97
65) Chlorobenzene	11.41	112	164749	17.844	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	61376	17.791	ug/l	99
67) Ethyl Benzene	11.48	91	290334	17.835	ug/l	100
68) m/p-Xylenes	11.59	106	215403	35.325	ug/l	100
69) o-Xylene	11.92	106	101186	17.817	ug/l	99
70) Styrene	11.94	104	170675	17.164	ug/l	98
71) Bromoform	12.10	173	41864	17.294	ug/l #	99
73) Isopropylbenzene	12.22	105	260250	18.805	ug/l	99
74) N-amyl acetate	12.04	43	124478	19.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	76348	19.732	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	85093m	20.261	ug/l	
77) Bromobenzene	12.50	156	65295	18.706	ug/l	96
78) n-propylbenzene	12.56	91	311444	19.324	ug/l	99
79) 2-Chlorotoluene	12.65	91	197634	19.159	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	223729	19.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27958	18.159	ug/l	98
82) 4-Chlorotoluene	12.75	91	208829	18.986	ug/l	98
83) tert-Butylbenzene	12.96	119	172579	19.404	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	227103	19.356	ug/l	99
85) sec-Butylbenzene	13.14	105	231200	19.503	ug/l	99
86) p-Isopropyltoluene	13.26	119	202762	18.598	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	113716	17.880	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	118959	18.219	ug/l	99
89) n-Butylbenzene	13.59	91	182120	17.894	ug/l	100
90) Hexachloroethane	13.85	117	33916	18.818	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	114500	18.420	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20665	20.352	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	56694	17.648	ug/l	98
94) Hexachlorobutadiene	14.98	225	25840	18.343	ug/l	97
95) Naphthalene	15.10	128	194308	17.736	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	57199	18.128	ug/l	99

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

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