

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061558.D
 Acq On : 29 May 2020 11:35
 Operator : JC/MD
 Sample : VN0529WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:29:48 PM

Quant Time: May 30 06:27:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	350831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	600134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	274284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	224199	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	7.54	113	170751	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
50) Toluene-d8	10.06	98	738742	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.37	95	266954	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	83134	21.200	ug/l	100
3) Chloromethane	2.03	50	92827	21.694	ug/l	99
4) Vinyl Chloride	2.16	62	127117	21.678	ug/l	97
5) Bromomethane	2.54	94	77499	23.033	ug/l	100
6) Chloroethane	2.67	64	80094	21.221	ug/l	99
7) Trichlorofluoromethane	2.98	101	167192	22.111	ug/l	99
8) Diethyl Ether	3.37	74	46204	19.983	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	71684	21.363	ug/l	97
10) Methyl Iodide	3.91	142	93054	19.977	ug/l	99
11) Tert butyl alcohol	4.73	59	65427	117.679	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	71259	19.878	ug/l	96
13) Acrolein	3.57	56	16365	80.877	ug/l	100
14) Allyl chloride	4.27	41	96141	20.514	ug/l	99
15) Acrylonitrile	4.92	53	158233	101.964	ug/l	100
16) Acetone	3.77	43	125792	105.615	ug/l	100
17) Carbon Disulfide	4.00	76	167613	21.252	ug/l	97
18) Methyl Acetate	4.27	43	74060	19.572	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	247358	20.246	ug/l	97
20) Methylene Chloride	4.50	84	78905	19.715	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	80973	20.029	ug/l	94
22) Diisopropyl ether	5.90	45	214036	20.721	ug/l	97
23) Vinyl Acetate	5.84	43	830770	100.908	ug/l	99
24) 1,1-Dichloroethane	5.79	63	134342	20.510	ug/l	99
25) 2-Butanone	6.78	43	200553	101.239	ug/l	100
26) 2,2-Dichloropropane	6.77	77	129905	21.668	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	93620	20.450	ug/l	96
28) Bromochloromethane	7.15	49	56598	22.242	ug/l	96
29) Tetrahydrofuran	7.16	42	130987	100.273	ug/l	99
30) Chloroform	7.33	83	150873	20.820	ug/l	98
31) Cyclohexane	7.61	56	121306	20.592	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	135980	20.593	ug/l	98
36) 1,1-Dichloropropene	7.75	75	109551	20.620	ug/l	99
37) Ethyl Acetate	6.88	43	85711	20.030	ug/l	99
38) Carbon Tetrachloride	7.73	117	104969	20.484	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	136651	20.868	ug/l	99
40) Benzene	8.00	78	333022	20.316	ug/l	100
41) Methacrylonitrile	7.12	41	42107	21.478	ug/l #	81
42) 1,2-Dichloroethane	8.08	62	113121	20.613	ug/l	98
43) Isopropyl Acetate	8.12	43	151117	19.629	ug/l	99
44) Trichloroethene	8.80	130	100650	19.979	ug/l	100
45) 1,2-Dichloropropane	9.08	63	78783	20.240	ug/l	99
46) Dibromomethane	9.17	93	59414	19.902	ug/l	96
47) Bromodichloromethane	9.37	83	118284	19.999	ug/l	97
48) Methyl methacrylate	9.17	41	64327	18.572	ug/l	98
49) 1,4-Dioxane	9.16	88	29429	548.452	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	427419	98.522	ug/l	99
52) Toluene	10.12	92	219450	20.511	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	130261	20.444	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	136105	19.867	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	86613	20.320	ug/l	97
56) Ethyl methacrylate	10.40	69	117494	19.732	ug/l	99
57) 1,3-Dichloropropane	10.68	76	139003	20.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	260062	102.203	ug/l	99
59) 2-Hexanone	10.72	43	304264	97.656	ug/l	100
60) Dibromochloromethane	10.87	129	97730	20.167	ug/l	98
61) 1,2-Dibromoethane	10.98	107	88994	20.018	ug/l	99
64) Tetrachloroethene	10.60	164	105589	19.836	ug/l	97
65) Chlorobenzene	11.40	112	236286	20.102	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	87680	20.033	ug/l	99
67) Ethyl Benzene	11.48	91	415229	20.438	ug/l	99
68) m/p-Xylenes	11.59	106	329062	40.849	ug/l	100
69) o-Xylene	11.92	106	153415	20.051	ug/l	97
70) Styrene	11.94	104	256791	20.266	ug/l	99
71) Bromoform	12.10	173	62289	18.469	ug/l #	97
73) Isopropylbenzene	12.22	105	416617	20.811	ug/l	99
74) N-amyl acetate	12.04	43	124693	19.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	110290	19.660	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	103043m	20.660	ug/l	
77) Bromobenzene	12.50	156	101645	19.891	ug/l	96
78) n-propylbenzene	12.56	91	467216	20.906	ug/l	98
79) 2-Chlorotoluene	12.65	91	267548	20.077	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	346291	20.696	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	37992	19.480	ug/l	99
82) 4-Chlorotoluene	12.75	91	281771	20.099	ug/l	99
83) tert-Butylbenzene	12.97	119	301331	20.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	349369	21.018	ug/l	100
85) sec-Butylbenzene	13.15	105	397916	20.888	ug/l	98
86) p-Isopropyltoluene	13.26	119	367341	20.939	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	181367	20.043	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	179243	19.444	ug/l	97
89) n-Butylbenzene	13.59	91	309123	21.037	ug/l	98
90) Hexachloroethane	13.85	117	42618	21.966	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	173623	20.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20590	17.996	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	97012	19.182	ug/l	99
94) Hexachlorobutadiene	14.98	225	43445	20.142	ug/l	97
95) Naphthalene	15.10	128	287531	18.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	95650	19.236	ug/l	98

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

