

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063050.D
 Acq On : 20 Aug 2020 22:02
 Operator : JC/MD
 Sample : VN0820WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 9:20:38 AM

Quant Time: Aug 21 06:55:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	171551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	261905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	250022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105767	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.55	113	87588	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.06	98	336778	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.38	95	114947	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	46564	20.937	ug/l	99
3) Chloromethane	2.03	50	51018	21.690	ug/l	99
4) Vinyl Chloride	2.16	62	51523	22.650	ug/l	97
5) Bromomethane	2.52	94	30555	22.630	ug/l	99
6) Chloroethane	2.67	64	29514	21.975	ug/l	99
7) Trichlorofluoromethane	2.98	101	60249	21.238	ug/l	97
8) Diethyl Ether	3.37	74	19831	19.761	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30917	20.225	ug/l	97
10) Methyl Iodide	3.91	142	37786	19.502	ug/l	98
11) Tert butyl alcohol	4.74	59	26484	91.960	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	28078	19.282	ug/l	97
13) Acrolein	3.57	56	4592	50.897	ug/l	96
14) Allyl chloride	4.28	41	49838	19.411	ug/l	100
15) Acrylonitrile	4.94	53	88237	104.241	ug/l	99
16) Acetone	3.78	43	68052	105.058	ug/l	99
17) Carbon Disulfide	4.01	76	76010	19.931	ug/l	98
18) Methyl Acetate	4.28	43	41245	20.413	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	104480	20.574	ug/l	98
20) Methylene Chloride	4.50	84	39004	20.983	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	31321	20.553	ug/l	98
22) Diisopropyl ether	5.90	45	126561	21.722	ug/l	92
23) Vinyl Acetate	5.85	43	388231	98.743	ug/l	100
24) 1,1-Dichloroethane	5.80	63	67251	20.656	ug/l	99
25) 2-Butanone	6.79	43	108978	100.959	ug/l	98
26) 2,2-Dichloropropane	6.78	77	45721	17.856	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	39642	20.754	ug/l	96
28) Bromochloromethane	7.15	49	33478	19.652	ug/l	97
29) Tetrahydrofuran	7.17	42	73178	105.041	ug/l	99
30) Chloroform	7.33	83	68380	20.854	ug/l	99
31) Cyclohexane	7.62	56	61301	20.457	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	55058	20.567	ug/l	99
36) 1,1-Dichloropropene	7.75	75	44491	19.276	ug/l	98
37) Ethyl Acetate	6.89	43	42348	19.581	ug/l	99
38) Carbon Tetrachloride	7.73	117	46642	20.017	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	53502	18.196	ug/l	93
40) Benzene	8.00	78	148050	20.225	ug/l	100
41) Methacrylonitrile	7.12	41	18444	17.900	ug/l	90
42) 1,2-Dichloroethane	8.09	62	51967	21.142	ug/l	100
43) Isopropyl Acetate	8.13	43	70913	19.792	ug/l	100
44) Trichloroethene	8.80	130	35656	19.582	ug/l	95
45) 1,2-Dichloropropane	9.09	63	43429	20.524	ug/l	99
46) Dibromomethane	9.18	93	25521	20.878	ug/l	99
47) Bromodichloromethane	9.37	83	55005	20.545	ug/l	99
48) Methyl methacrylate	9.17	41	33594	19.817	ug/l	98
49) 1,4-Dioxane	9.17	88	13093	360.903	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	231616	102.273	ug/l	99
52) Toluene	10.13	92	90866	20.577	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	54779	19.785	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	61218	20.156	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	39035	20.673	ug/l	97
56) Ethyl methacrylate	10.40	69	50691	18.518	ug/l	97
57) 1,3-Dichloropropane	10.68	76	64843	20.681	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.67	63	47259	75.604	ug/l	99
59) 2-Hexanone	10.72	43	160880	101.844	ug/l	97
60) Dibromochloromethane	10.87	129	41737	19.974	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37730	20.796	ug/l	99
64) Tetrachloroethene	10.60	164	33366	20.302	ug/l	97
65) Chlorobenzene	11.41	112	100026	19.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	39118	20.029	ug/l	99
67) Ethyl Benzene	11.49	91	168492	19.858	ug/l	98
68) m/p-Xylenes	11.60	106	128936	40.887	ug/l	100
69) o-Xylene	11.92	106	60679	20.038	ug/l	98
70) Styrene	11.94	104	107380	19.105	ug/l	99
71) Bromoform	12.10	173	30548	19.650	ug/l #	100
73) Isopropylbenzene	12.23	105	165304	20.664	ug/l	100
74) N-amyl acetate	12.05	43	57509	20.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	57296	21.226	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	48520m	21.368	ug/l	
77) Bromobenzene	12.50	156	44649	20.294	ug/l	98
78) n-propylbenzene	12.57	91	193837	21.258	ug/l	99
79) 2-Chlorotoluene	12.65	91	118628	20.684	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	138813	20.991	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	16025	19.383	ug/l	96
82) 4-Chlorotoluene	12.75	91	120957	20.712	ug/l	100
83) tert-Butylbenzene	12.97	119	117536	20.593	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	133692	20.752	ug/l	100
85) sec-Butylbenzene	13.15	105	158849	20.593	ug/l	100
86) p-Isopropyltoluene	13.26	119	133625	19.881	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	77904	20.603	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	77050	20.077	ug/l	99
89) n-Butylbenzene	13.59	91	101559	17.830	ug/l	99
90) Hexachloroethane	13.85	117	28762	20.133	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	75418	20.649	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8583	21.304	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	30445	18.216	ug/l	99
94) Hexachlorobutadiene	14.99	225	24898	18.448	ug/l	98
95) Naphthalene	15.11	128	64119	17.847	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	29710	17.748	ug/l	97

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

