

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062675.D
 Acq On : 31 Jul 2020 10:55
 Operator : JC/MD
 Sample : VN0731WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 9:31:55 AM

Quant Time: Aug 01 06:29:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	165704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	131657	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.54	113	86987	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	10.06	98	337786	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.38	95	125281	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	34585	17.498	ug/l	95
3) Chloromethane	2.03	50	39527	14.744	ug/l	98
4) Vinyl Chloride	2.16	62	36003	15.492	ug/l	98
5) Bromomethane	2.52	94	20820	20.227	ug/l	97
6) Chloroethane	2.66	64	20981	19.958	ug/l	90
7) Trichlorofluoromethane	2.98	101	58470	21.428	ug/l	98
8) Diethyl Ether	3.37	74	22588	17.702	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34048	19.462	ug/l	98
10) Methyl Iodide	3.91	142	37967	16.975	ug/l	94
11) Tert butyl alcohol	4.74	59	34563	84.404	ug/l #	92
12) 1,1-Dichloroethene	3.69	96	31605	17.813	ug/l	98
13) Acrolein	3.56	56	18316	49.878	ug/l	92
14) Allyl chloride	4.27	41	60803	15.843	ug/l	93
15) Acrylonitrile	4.93	53	93311	85.074	ug/l	99
16) Acetone	3.77	43	88810	91.683	ug/l	99
17) Carbon Disulfide	4.00	76	90837	15.582	ug/l	99
18) Methyl Acetate	4.27	43	46408	18.925	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	118658	18.170	ug/l	100
20) Methylene Chloride	4.50	84	39671	17.076	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	34366	17.452	ug/l	98
22) Diisopropyl ether	5.90	45	128604	16.858	ug/l	93
23) Vinyl Acetate	5.84	43	525496	84.068	ug/l	97
24) 1,1-Dichloroethane	5.79	63	73100	17.794	ug/l	99
25) 2-Butanone	6.78	43	126334	85.636	ug/l	95
26) 2,2-Dichloropropane	6.77	77	66056	19.588	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37831	16.836	ug/l	95
28) Bromochloromethane	7.15	49	34981	17.303	ug/l	93
29) Tetrahydrofuran	7.17	42	80571	80.713	ug/l	96
30) Chloroform	7.33	83	73529	18.825	ug/l	98
31) Cyclohexane	7.61	56	62304	16.426	ug/l #	90
32) 1,1,1-Trichloroethane	7.53	97	66458	20.379	ug/l	99
36) 1,1-Dichloropropene	7.75	75	53492	19.018	ug/l	99
37) Ethyl Acetate	6.88	43	52482	17.310	ug/l	99
38) Carbon Tetrachloride	7.73	117	58463	21.624	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	55377	18.290	ug/l	99
40) Benzene	8.00	78	156123	18.335	ug/l	98
41) Methacrylonitrile	7.13	41	22317m	17.175	ug/l	
42) 1,2-Dichloroethane	8.08	62	64630	20.761	ug/l	98
43) Isopropyl Acetate	8.12	43	86456	17.689	ug/l #	91
44) Trichloroethene	8.80	130	37099	19.320	ug/l	95
45) 1,2-Dichloropropane	9.08	63	43393	18.150	ug/l	98
46) Dibromomethane	9.18	93	27260	19.728	ug/l	99
47) Bromodichloromethane	9.37	83	59245	19.790	ug/l	100
48) Methyl methacrylate	9.17	41	40973	17.635	ug/l	96
49) 1,4-Dioxane	9.17	88	13383	375.034	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	266779	91.224	ug/l	99
52) Toluene	10.12	92	94559	19.124	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	64867	19.464	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	69260	19.368	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	37649	19.630	ug/l	97
56) Ethyl methacrylate	10.40	69	57622	17.909	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66226	18.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	79481	88.157	ug/l	99
59) 2-Hexanone	10.72	43	190983	86.403	ug/l	99
60) Dibromochloromethane	10.87	129	43749	20.447	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37251	18.652	ug/l	96
64) Tetrachloroethene	10.60	164	32553	20.153	ug/l	88
65) Chlorobenzene	11.41	112	98514	18.902	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	38775	19.776	ug/l	100
67) Ethyl Benzene	11.48	91	181177	18.959	ug/l	99
68) m/p-Xylenes	11.60	106	132343	38.530	ug/l	98
69) o-Xylene	11.92	106	60262	18.476	ug/l	92
70) Styrene	11.94	104	106623	19.352	ug/l	98
71) Bromoform	12.10	173	28862	19.605	ug/l #	99
73) Isopropylbenzene	12.22	105	173717	18.611	ug/l	99
74) N-amyl acetate	12.05	43	73212	17.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	56008	17.267	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	54863m	18.259	ug/l	
77) Bromobenzene	12.50	156	41277	18.401	ug/l	97
78) n-propylbenzene	12.57	91	203037	18.570	ug/l	99
79) 2-Chlorotoluene	12.65	91	126713	18.805	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	153187	19.785	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18090	16.760	ug/l	90
82) 4-Chlorotoluene	12.75	91	128541	18.327	ug/l	99
83) tert-Butylbenzene	12.97	119	125253	19.482	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149702	19.709	ug/l	97
85) sec-Butylbenzene	13.15	105	169859	19.734	ug/l	99
86) p-Isopropyltoluene	13.26	119	150244	20.295	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	73728	18.730	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	72569	18.727	ug/l	97
89) n-Butylbenzene	13.59	91	122840	19.312	ug/l	99
90) Hexachloroethane	13.85	117	30180	19.150	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	72077	19.149	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10907	18.521	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	30678	17.643	ug/l	99
94) Hexachlorobutadiene	14.98	225	24079	23.416	ug/l	98
95) Naphthalene	15.10	128	73486	16.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	31272	17.630	ug/l	98

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

