

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062979.D
 Acq On : 17 Aug 2020 19:32
 Operator : JC/MD
 Sample : VN0817WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:13:05 AM

Quant Time: Aug 18 07:03:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	349282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	329829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124417	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	111052	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.06	98	430883	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.38	95	150406	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56120	19.159	ug/l	99
3) Chloromethane	2.04	50	50112	19.015	ug/l	100
4) Vinyl Chloride	2.16	62	72815	21.877	ug/l	99
5) Bromomethane	2.52	94	46006	19.504	ug/l	97
6) Chloroethane	2.66	64	43387	19.141	ug/l	94
7) Trichlorofluoromethane	2.98	101	88826	19.159	ug/l	99
8) Diethyl Ether	3.37	74	30766	21.649	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46174	20.853	ug/l	95
10) Methyl Iodide	3.91	142	57890	20.509	ug/l	99
11) Tert butyl alcohol	4.73	59	39395	88.936	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	42640	20.286	ug/l	99
13) Acrolein	3.57	56	18609	70.022	ug/l	97
14) Allyl chloride	4.28	41	52428	16.154	ug/l	98
15) Acrylonitrile	4.93	53	104011	89.038	ug/l	99
16) Acetone	3.78	43	119117	118.683	ug/l	97
17) Carbon Disulfide	4.01	76	119966	19.889	ug/l	99
18) Methyl Acetate	4.28	43	47355	21.767	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	124148	18.081	ug/l	100
20) Methylene Chloride	4.51	84	42992	18.119	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	36608	16.627	ug/l	95
22) Diisopropyl ether	5.90	45	123299	17.581	ug/l	96
23) Vinyl Acetate	5.85	43	403832	81.693	ug/l	99
24) 1,1-Dichloroethane	5.80	63	71071	17.333	ug/l	100
25) 2-Butanone	6.79	43	124877	86.330	ug/l	100
26) 2,2-Dichloropropane	6.77	77	57984	17.108	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	45920	17.579	ug/l	99
28) Bromochloromethane	7.15	49	31948	16.162	ug/l	96
29) Tetrahydrofuran	7.17	42	85996	109.386	ug/l	99
30) Chloroform	7.33	83	76266	17.837	ug/l	99
31) Cyclohexane	7.62	56	68700	17.182	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	63700	17.948	ug/l	98
36) 1,1-Dichloropropene	7.75	75	51563	17.209	ug/l	98
37) Ethyl Acetate	6.89	43	47481	17.347	ug/l	98
38) Carbon Tetrachloride	7.73	117	56051	17.706	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	66315	16.678	ug/l	96
40) Benzene	8.00	78	167138	17.635	ug/l	100
41) Methacrylonitrile	7.13	41	20854m	15.535	ug/l	
42) 1,2-Dichloroethane	8.09	62	55708	17.908	ug/l	98
43) Isopropyl Acetate	8.13	43	78978	18.161	ug/l	99
44) Trichloroethene	8.80	130	45699	17.885	ug/l	98
45) 1,2-Dichloropropane	9.09	63	44258	16.760	ug/l	100
46) Dibromomethane	9.18	93	29439	17.906	ug/l	98
47) Bromodichloromethane	9.37	83	60141	18.035	ug/l	99
48) Methyl methacrylate	9.17	41	37934	17.833	ug/l	97
49) 1,4-Dioxane	9.17	88	17346	385.544	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	266193	91.485	ug/l	100
52) Toluene	10.13	92	107749	17.996	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	63401	17.626	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	71158	18.327	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	46129	18.176	ug/l	99
56) Ethyl methacrylate	10.40	69	62674	18.484	ug/l	98
57) 1,3-Dichloropropane	10.68	76	72364	18.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	69162	103.827	ug/l	98
59) 2-Hexanone	10.72	43	189288	102.096	ug/l	100
60) Dibromochloromethane	10.88	129	50755	17.970	ug/l	100
61) 1,2-Dibromoethane	10.98	107	45922	17.725	ug/l	99
64) Tetrachloroethene	10.60	164	42339	18.715	ug/l	98
65) Chlorobenzene	11.41	112	119293	17.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	47302	18.040	ug/l	99
67) Ethyl Benzene	11.48	91	200998	17.673	ug/l	98
68) m/p-Xylenes	11.60	106	158593	36.927	ug/l	99
69) o-Xylene	11.92	106	77575	19.015	ug/l	97
70) Styrene	11.94	104	132680	18.751	ug/l	98
71) Bromoform	12.10	173	42316	19.307	ug/l #	99
73) Isopropylbenzene	12.22	105	204461	18.736	ug/l	99
74) N-amyl acetate	12.05	43	67610	18.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	69490	20.119	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	60620m	19.237	ug/l	
77) Bromobenzene	12.50	156	58218	18.504	ug/l	98
78) n-propylbenzene	12.57	91	235423	18.489	ug/l	99
79) 2-Chlorotoluene	12.65	91	142649	18.641	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	181284	19.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	20998	17.998	ug/l	96
82) 4-Chlorotoluene	12.75	91	145949	18.716	ug/l	99
83) tert-Butylbenzene	12.97	119	151140	19.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	168671	18.984	ug/l	100
85) sec-Butylbenzene	13.15	105	200277	19.219	ug/l	100
86) p-Isopropyltoluene	13.26	119	174248	18.791	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	98024	18.917	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	97758	18.306	ug/l	99
89) n-Butylbenzene	13.59	91	129485	17.192	ug/l	100
90) Hexachloroethane	13.85	117	34535	18.360	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	95648	19.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11635	19.602	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	42907	18.050	ug/l	99
94) Hexachlorobutadiene	14.98	225	34630	17.914	ug/l	98
95) Naphthalene	15.10	128	98436	19.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	44522	18.397	ug/l	96

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

