

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059056.D
 Acq On : 1 Nov 2019 12:15
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:58:57 PM

Quant Time: Nov 02 04:41:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:16:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	490700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	778958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	713540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365184	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	922359	130.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.54%	
35) Dibromofluoromethane	7.57	113	712045	139.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.10%	
50) Toluene-d8	10.08	98	2807675	141.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.08%	
62) 4-Bromofluorobenzene	12.40	95	1082323	148.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	784035	132.091	ug/l	98
3) Chloromethane	2.04	50	1023029	137.247	ug/l	99
4) Vinyl Chloride	2.17	62	1028500	139.539	ug/l	99
5) Bromomethane	2.52	94	587056m	129.444	ug/l	
6) Chloroethane	2.67	64	602280	128.622	ug/l	100
7) Trichlorofluoromethane	2.99	101	1203678	132.901	ug/l	99
8) Diethyl Ether	3.38	74	491849	152.709	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	713980	139.686	ug/l	100
10) Methyl Iodide	3.93	142	1005578	152.533	ug/l	100
11) Tert butyl alcohol	4.76	59	865148	725.693	ug/l	99
12) 1,1-Dichloroethene	3.71	96	717737	149.362	ug/l	97
13) Acrolein	3.58	56	652271	811.098	ug/l	99
14) Allyl chloride	4.29	41	1472203	151.725	ug/l	98
15) Acrylonitrile	4.95	53	2389730	802.399	ug/l	99
16) Acetone	3.79	43	2381479	684.944	ug/l	100
17) Carbon Disulfide	4.03	76	2276306	147.723	ug/l	100
18) Methyl Acetate	4.29	43	1190211	147.866	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	2522428	150.861	ug/l	100
20) Methylene Chloride	4.52	84	838529	139.335	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	780201	147.722	ug/l	99
22) Diisopropyl ether	5.92	45	2830653	149.946	ug/l	97
23) Vinyl Acetate	5.86	43	10007921	663.233	ug/l #	87
24) 1,1-Dichloroethane	5.82	63	1529235	139.691	ug/l	99
25) 2-Butanone	6.81	43	3358700	739.460	ug/l	98
26) 2,2-Dichloropropane	6.80	77	1279745	135.655	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	891741	148.086	ug/l	99
28) Bromochloromethane	7.17	49	446473	124.325	ug/l	100
29) Tetrahydrofuran	7.18	42	2162216	776.285	ug/l	99
30) Chloroform	7.35	83	1448628	132.803	ug/l	99
31) Cyclohexane	7.63	56	1471446	144.538	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	1251029	136.388	ug/l	99
36) 1,1-Dichloropropene	7.77	75	1173286	149.584	ug/l	99
37) Ethyl Acetate	6.90	43	1307840	152.738	ug/l	99
38) Carbon Tetrachloride	7.75	117	1118358	138.611	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1429591	160.929	ug/l	99
40) Benzene	8.02	78	3376033	145.963	ug/l	98
41) Methacrylonitrile	7.16	41	631104m	162.660	ug/l	
42) 1,2-Dichloroethane	8.10	62	1171020	133.452	ug/l	100
43) Isopropyl Acetate	8.14	43	2118186	153.942	ug/l	99
44) Trichloroethene	8.82	130	833039	147.513	ug/l	99
45) 1,2-Dichloropropane	9.10	63	932033	147.046	ug/l	98
46) Dibromomethane	9.19	93	567417	142.168	ug/l	99
47) Bromodichloromethane	9.39	83	1177413	143.476	ug/l	99
48) Methyl methacrylate	9.18	41	990941	159.750	ug/l	98
49) 1,4-Dioxane	9.19	88	297848	2855.090	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	5234677	654.459	ug/l #	85
52) Toluene	10.15	92	2090018	152.685	ug/l	93
53) t-1,3-Dichloropropene	10.37	75	1411097	154.893	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1510958	154.843	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	821047	145.384	ug/l	99
56) Ethyl methacrylate	10.42	69	1435717	172.191	ug/l	100
57) 1,3-Dichloropropane	10.70	76	1451521	147.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	2787922	795.176	ug/l	98
59) 2-Hexanone	10.75	43	4287267	694.879	ug/l	89
60) Dibromochloromethane	10.90	129	923009	152.040	ug/l	99
61) 1,2-Dibromoethane	11.00	107	872264	151.242	ug/l	100
64) Tetrachloroethene	10.63	164	730215	147.766	ug/l	98
65) Chlorobenzene	11.43	112	2171678	150.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	821117	151.551	ug/l	99
67) Ethyl Benzene	11.51	91	3702906	147.128	ug/l	90
68) m/p-Xylenes	11.62	106	2988429	320.627	ug/l	79
69) o-Xylene	11.95	106	1456676	163.426	ug/l	91
70) Styrene	11.96	104	2464184	169.531	ug/l	98
71) Bromoform	12.13	173	697358	165.185	ug/l #	100
73) Isopropylbenzene	12.25	105	3605347	136.249	ug/l	95
74) N-amyl acetate	12.07	43	1897483	159.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1305472	140.341	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1147606m	135.489	ug/l	
77) Bromobenzene	12.53	156	949172	145.311	ug/l	99
78) n-propylbenzene	12.59	91	4081446	130.642	ug/l	92
79) 2-Chlorotoluene	12.68	91	2663779	139.108	ug/l	97
80) 1,3,5-Trimethylbenzene	12.74	105	3190941	144.011	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	516204	159.082	ug/l	98
82) 4-Chlorotoluene	12.78	91	2789318	142.951	ug/l	97
83) tert-Butylbenzene	13.00	119	2806207	147.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3169775	145.131	ug/l	94
85) sec-Butylbenzene	13.17	105	3576890	141.701	ug/l	96
86) p-Isopropyltoluene	13.29	119	3283886	147.212	ug/l	95
87) 1,3-Dichlorobenzene	13.29	146	1743069	149.659	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	1736729	149.037	ug/l	100
89) n-Butylbenzene	13.62	91	3104657	152.431	ug/l	95
90) Hexachloroethane	13.88	117	657593	145.238	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1679820	147.015	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	291153	139.987	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	1131584	180.425	ug/l	99
94) Hexachlorobutadiene	15.01	225	547363	147.045	ug/l	100
95) Naphthalene	15.13	128	3145237	181.045	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	1096251	177.611	ug/l	100

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

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