

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110519\
 Data File : VN059088.D
 Acq On : 5 Nov 2019 13:37
 Operator : JC/SP
 Sample : VN1105WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2019 1:56:20 PM

Quant Time: Nov 06 01:15:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	451348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	690386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	628217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	286045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	278200	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
35) Dibromofluoromethane	7.57	113	212880	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	10.08	98	833802	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	12.40	95	293289	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	89924	18.427	ug/l	98
3) Chloromethane	2.04	50	119174	18.010	ug/l	99
4) Vinyl Chloride	2.17	62	118249	18.410	ug/l	99
5) Bromomethane	2.55	94	68804	18.119	ug/l	96
6) Chloroethane	2.69	64	71183	18.096	ug/l	100
7) Trichlorofluoromethane	3.00	101	143869	18.850	ug/l	99
8) Diethyl Ether	3.39	74	56846	19.072	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	85952	19.106	ug/l	97
10) Methyl Iodide	3.93	142	101787	18.616	ug/l	100
11) Tert butyl alcohol	4.74	59	91679	82.869	ug/l	100
12) 1,1-Dichloroethene	3.72	96	81949	18.317	ug/l	96
13) Acrolein	3.58	56	57461	82.313	ug/l	99
14) Allyl chloride	4.30	41	162843	18.369	ug/l	97
15) Acrylonitrile	4.95	53	258914	93.295	ug/l	99
16) Acetone	3.79	43	298815	98.742	ug/l	98
17) Carbon Disulfide	4.03	76	249981	17.575	ug/l	99
18) Methyl Acetate	4.29	43	132210	17.245	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	289902	19.025	ug/l	99
20) Methylene Chloride	4.52	84	97420	18.389	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	89054	18.541	ug/l	99
22) Diisopropyl ether	5.92	45	332586	19.696	ug/l	96
23) Vinyl Acetate	5.86	43	1347954	100.224	ug/l	100
24) 1,1-Dichloroethane	5.82	63	181414	18.791	ug/l	99
25) 2-Butanone	6.81	43	377730	93.740	ug/l	99
26) 2,2-Dichloropropane	6.80	77	158904	18.963	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	102127	18.884	ug/l	98
28) Bromochloromethane	7.17	49	52902	17.755	ug/l	99
29) Tetrahydrofuran	7.18	42	238743	93.880	ug/l	100
30) Chloroform	7.35	83	174423	18.894	ug/l	99
31) Cyclohexane	7.63	56	167655	18.207	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	149197	19.102	ug/l	100
36) 1,1-Dichloropropene	7.77	75	131579	19.176	ug/l	100
37) Ethyl Acetate	6.90	43	148778	19.515	ug/l	99
38) Carbon Tetrachloride	7.75	117	131322	19.638	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	151820	19.143	ug/l	97
40) Benzene	8.02	78	397042	19.498	ug/l	100
41) Methacrylonitrile	7.15	41	62204m	18.869	ug/l	
42) 1,2-Dichloroethane	8.10	62	141980	20.076	ug/l	99
43) Isopropyl Acetate	8.14	43	228999	19.207	ug/l	99
44) Trichloroethene	8.82	130	100137	19.987	ug/l	99
45) 1,2-Dichloropropane	9.10	63	109902	19.956	ug/l	98
46) Dibromomethane	9.19	93	66004	19.392	ug/l	100
47) Bromodichloromethane	9.39	83	136146	19.751	ug/l	99
48) Methyl methacrylate	9.18	41	100870	18.555	ug/l	99
49) 1,4-Dioxane	9.18	88	33057	372.783	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	715586	103.319	ug/l	98
52) Toluene	10.15	92	242126	20.293	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	152631	19.149	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	166720	19.830	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	96698	19.895	ug/l	100
56) Ethyl methacrylate	10.42	69	141221	18.343	ug/l	99
57) 1,3-Dichloropropane	10.70	76	170020	20.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	290045	97.954	ug/l	100
59) 2-Hexanone	10.75	43	533161	101.330	ug/l	99
60) Dibromochloromethane	10.90	129	101305	19.340	ug/l	100
61) 1,2-Dibromoethane	11.00	107	96883	19.676	ug/l	100
64) Tetrachloroethene	10.63	164	87627	19.968	ug/l	100
65) Chlorobenzene	11.43	112	251897	19.537	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	92015	19.397	ug/l	98
67) Ethyl Benzene	11.51	91	448529	20.095	ug/l	100
68) m/p-Xylenes	11.62	106	329140	39.491	ug/l	99
69) o-Xylene	11.95	106	158222	19.880	ug/l	99
70) Styrene	11.96	104	251486	19.499	ug/l	98
71) Bromoform	12.13	173	70021	19.070	ug/l #	99
73) Isopropylbenzene	12.25	105	428030	20.340	ug/l	100
74) N-amyl acetate	12.07	43	174949	18.689	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	143795	19.183	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	132793m	19.618	ug/l	
77) Bromobenzene	12.53	156	102146	19.413	ug/l	98
78) n-propylbenzene	12.59	91	502306	20.610	ug/l	100
79) 2-Chlorotoluene	12.68	91	299986	19.822	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	358892	20.067	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	48793	18.479	ug/l	93
82) 4-Chlorotoluene	12.78	91	302722	19.600	ug/l	98
83) tert-Butylbenzene	13.00	119	302539	19.913	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	356757	20.529	ug/l	98
85) sec-Butylbenzene	13.17	105	405274	20.353	ug/l	99
86) p-Isopropyltoluene	13.29	119	365897	20.382	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	178383	19.081	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	177358	19.179	ug/l	98
89) n-Butylbenzene	13.62	91	313404	20.036	ug/l	99
90) Hexachloroethane	13.88	117	69437	19.458	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	179924	19.342	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29631	18.300	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	95141	18.963	ug/l	99
94) Hexachlorobutadiene	15.01	225	59662	19.813	ug/l	99
95) Naphthalene	15.13	128	247235	17.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	95068	18.618	ug/l	99

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

