

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042919\
 Data File : VN055282.D
 Acq On : 29 Apr 2019 9:50
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:58:45 AM

Quant Time: Apr 30 04:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 03:41:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	412918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	661645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140666	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	4772	0.911 ug/l	96
3) Chloromethane	2.06	50	6830	1.065 ug/l	92
4) Vinyl Chloride	2.19	62	5898	1.148 ug/l	99
6) Chloroethane	2.70	64	3245	1.189 ug/l #	85
7) Trichlorofluoromethane	3.02	101	7948	1.128 ug/l	99
8) Diethyl Ether	3.41	74	2910	1.158 ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.76	101	4772	1.086 ug/l	95
12) 1,1-Dichloroethene	3.74	96	4620	1.102 ug/l	91
14) Allyl chloride	4.33	41	9304	1.112 ug/l #	84
15) Acrylonitrile	5.00	53	8607	4.846 ug/l #	83
16) Acetone	3.82	43	9756	5.512 ug/l	97
17) Carbon Disulfide	4.05	76	11327	0.976 ug/l	99
18) Methyl Acetate	4.33	43	7781	1.543 ug/l #	73
19) Methyl tert-butyl Ether	5.04	73	11439m	0.977 ug/l	
20) Methylene Chloride	4.55	84	6338	1.203 ug/l #	95
21) trans-1,2-Dichloroethene	5.05	96	4600	1.046 ug/l	86
22) Diisopropyl ether	5.96	45	17643	1.054 ug/l #	91
23) Vinyl Acetate	5.90	43	50070	4.482 ug/l	98
24) 1,1-Dichloroethane	5.85	63	9673	1.081 ug/l #	96
25) 2-Butanone	6.86	43	10831	4.632 ug/l	92
26) 2,2-Dichloropropane	6.82	77	6916m	1.136 ug/l	
27) cis-1,2-Dichloroethene	6.83	96	4772	0.937 ug/l	89
28) Bromochloromethane	7.20	49	4934	1.081 ug/l #	95
29) Tetrahydrofuran	7.23	42	6359	4.372 ug/l	95
30) Chloroform	7.37	83	9294	1.091 ug/l	86
32) 1,1,1-Trichloroethane	7.57	97	7653	1.120 ug/l #	52
36) 1,1-Dichloropropene	7.79	75	7753	1.279 ug/l #	80
37) Ethyl Acetate	6.94	43	6053m	1.237 ug/l	
38) Carbon Tetrachloride	7.78	117	7590	1.328 ug/l	88
39) Methylcyclohexane	9.08	83	6933	0.961 ug/l	91
40) Benzene	8.05	78	19771	1.051 ug/l	99
41) Methacrylonitrile	7.18	41	3285	1.277 ug/l #	55
42) 1,2-Dichloroethane	8.12	62	7059	1.075 ug/l	98
43) Isopropyl Acetate	8.17	43	7863	0.987 ug/l #	66

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44) Trichloroethene	8.83	130	5567	1.173	ug/l	97
45) 1,2-Dichloropropane	9.12	63	6155	1.156	ug/l #	76
46) Dibromomethane	9.21	93	3117	1.028	ug/l	95
47) Bromodichloromethane	9.40	83	6710	1.100	ug/l #	90
48) Methyl methacrylate	9.20	41	4181	1.076	ug/l #	80
49) 1,4-Dioxane	9.20	88	696	15.881	ug/l #	36
51) 4-Methyl-2-Pentanone	9.98	43	21081	4.601	ug/l	100
52) Toluene	10.15	92	10742	0.979	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	5132	0.917	ug/l	91
54) cis-1,3-Dichloropropene	9.84	75	6423	0.925	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	4145	1.018	ug/l	95
56) Ethyl methacrylate	10.43	69	4174	0.826	ug/l #	78
57) 1,3-Dichloropropane	10.71	76	7153	1.011	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.69	63	5640	3.615	ug/l	99
59) 2-Hexanone	10.75	43	13948	4.877	ug/l	86
60) Dibromochloromethane	10.90	129	3936	0.938	ug/l	97
61) 1,2-Dibromoethane	11.00	107	3710	0.974	ug/l	91
64) Tetrachloroethene	10.63	164	5121	1.153	ug/l	97
65) Chlorobenzene	11.43	112	11331	1.021	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	4669	1.130	ug/l #	58
67) Ethyl Benzene	11.51	91	19469	0.984	ug/l	91
68) m/p-Xylenes	11.62	106	13584	1.921	ug/l	95
69) o-Xylene	11.94	106	6896	0.981	ug/l	98
70) Styrene	11.96	104	9343	0.860	ug/l	96
71) Bromoform	12.12	173	2143	0.877	ug/l #	70
73) Isopropylbenzene	12.25	105	17718	1.308	ug/l	99
74) N-amyl acetate	12.07	43	3887	1.073	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	4895	1.370	ug/l	94
76) 1,2,3-Trichloropropane	12.55	75	4254m	1.473	ug/l	
77) Bromobenzene	12.53	156	3798	1.226	ug/l	89
78) n-propylbenzene	12.59	91	16101	1.139	ug/l	100
79) 2-Chlorotoluene	12.67	91	11282	1.264	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	13111	1.245	ug/l	96
82) 4-Chlorotoluene	12.77	91	9905	1.212	ug/l	100
83) tert-Butylbenzene	12.99	119	13119	1.391	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	10502	1.058	ug/l	98
85) sec-Butylbenzene	13.17	105	13656	1.145	ug/l	99
86) p-Isopropyltoluene	13.29	119	11006	1.122	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	5104	1.079	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	4620m	1.002	ug/l	
89) n-Butylbenzene	13.61	91	7261	1.005	ug/l	99
90) Hexachloroethane	13.87	117	2588	1.479	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	4783	0.986	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	258	0.606	ug/l #	27
93) 1,2,4-Trichlorobenzene	14.90	180	1407	0.834	ug/l #	86
94) Hexachlorobutadiene	15.01	225	2235	1.275	ug/l	91
95) Naphthalene	15.13	128	2977	0.838	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.31	180	1371	0.783	ug/l #	86

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

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