

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056932.D
 Acq On : 25 Jul 2019 20:28
 Operator : JC/SP
 Sample : K3591-08 1.0PPB LOQ
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 3:37:45 PM

Quant Time: Jul 26 11:01:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 04:47:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	434635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	668501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	549061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	237423	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	7.58	113	212024	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.08	98	763993	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
62) 4-Bromofluorobenzene	12.40	95	201963	38.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.84	85	3598	0.768	ug/l	94
3) Chloromethane	2.05	50	5863	1.047	ug/l	99
4) Vinyl Chloride	2.18	62	5111	0.969	ug/l	93
6) Chloroethane	2.69	64	3186	1.088	ug/l	99
7) Trichlorofluoromethane	3.00	101	6284	0.914	ug/l	92
8) Diethyl Ether	3.40	74	2845	1.105	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	4452	1.054	ug/l	90
12) 1,1-Dichloroethene	3.72	96	3741	0.917	ug/l	96
14) Allyl chloride	4.30	41	6502	0.982	ug/l #	91
15) Acrylonitrile	4.97	53	8146	4.363	ug/l #	85
16) Acetone	3.80	43	7538	4.908	ug/l	100
17) Carbon Disulfide	4.03	76	10376	0.945	ug/l	97
18) Methyl Acetate	4.31	43	7026	1.307	ug/l	93
19) Methyl tert-butyl Ether	5.02	73	11844m	0.988	ug/l	
20) Methylene Chloride	4.53	84	5762	1.185	ug/l	91
21) trans-1,2-Dichloroethene	5.02	96	4152	0.951	ug/l #	82
22) Diisopropyl ether	5.93	45	13186	0.978	ug/l #	90
23) Vinyl Acetate	5.88	43	40028	4.312	ug/l	99
24) 1,1-Dichloroethane	5.83	63	7317	0.924	ug/l #	87
25) 2-Butanone	6.83	43	10817	4.575	ug/l	97
26) 2,2-Dichloropropane	6.81	77	5072	0.873	ug/l	90
27) cis-1,2-Dichloroethene	6.81	96	4954	0.995	ug/l	96
28) Bromochloromethane	7.18	49	3837	1.050	ug/l #	83
29) Tetrahydrofuran	7.20	42	7427	4.794	ug/l	98
30) Chloroform	7.36	83	8690	1.066	ug/l	97
32) 1,1,1-Trichloroethane	7.56	97	6275	0.961	ug/l #	50
36) 1,1-Dichloropropene	7.78	75	5815	0.951	ug/l	98
37) Ethyl Acetate	6.92	43	5141m	1.038	ug/l	
38) Carbon Tetrachloride	7.76	117	5136	0.883	ug/l	86
39) Methylcyclohexane	9.07	83	6915	0.928	ug/l	97
40) Benzene	8.03	78	19249	1.010	ug/l	100
41) Methacrylonitrile	7.18	41	2722m	1.250	ug/l	
42) 1,2-Dichloroethane	8.11	62	5933	1.008	ug/l	92
43) Isopropyl Acetate	8.15	43	7863	0.965	ug/l #	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	4518	0.869	ug/l	98
45) 1,2-Dichloropropane	9.11	63	4951	0.967	ug/l	100
46) Dibromomethane	9.20	93	3142	1.018	ug/l	94
47) Bromodichloromethane	9.39	83	5438	0.902	ug/l	89
48) Methyl methacrylate	9.19	41	3740	0.956	ug/l	95
49) 1,4-Dioxane	9.19	88	1386	16.923	ug/l #	78
51) 4-Methyl-2-Pentanone	9.98	43	22939	4.735	ug/l	97
52) Toluene	10.15	92	11436	1.000	ug/l	95
53) t-1,3-Dichloropropene	10.37	75	4838	0.796	ug/l #	85
54) cis-1,3-Dichloropropene	9.83	75	5871	0.820	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	4132	0.902	ug/l	95
56) Ethyl methacrylate	10.43	69	5302	0.861	ug/l	98
57) 1,3-Dichloropropane	10.70	76	6941	0.926	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.69	63	9140	3.765	ug/l	99
59) 2-Hexanone	10.75	43	14356	4.323	ug/l	98
60) Dibromochloromethane	10.90	129	3703	0.796	ug/l	97
61) 1,2-Dibromoethane	11.00	107	4051	0.891	ug/l	97
64) Tetrachloroethene	10.63	164	4883	0.974	ug/l #	89
65) Chlorobenzene	11.43	112	11070	0.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	3925	0.919	ug/l #	63
67) Ethyl Benzene	11.50	91	19033	0.962	ug/l	92
68) m/p-Xylenes	11.61	106	13427	1.821	ug/l	98
69) o-Xylene	11.94	106	6547	0.907	ug/l	91
70) Styrene	11.96	104	8819	0.771	ug/l	95
71) Bromoform	12.12	173	2466	0.831	ug/l #	85
73) Isopropylbenzene	12.24	105	16410	1.142	ug/l	99
74) N-amyl acetate	12.07	43	5153	1.222	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.50	83	5258	1.270	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	3906m	1.236	ug/l	
77) Bromobenzene	12.52	156	4219	1.149	ug/l	98
78) n-propylbenzene	12.59	91	17387	1.146	ug/l	98
79) 2-Chlorotoluene	12.67	91	11157	1.181	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	13210	1.113	ug/l	96
82) 4-Chlorotoluene	12.77	91	9072	1.045	ug/l	93
83) tert-Butylbenzene	12.99	119	13362	1.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	12041	1.072	ug/l	97
85) sec-Butylbenzene	13.17	105	14174	1.072	ug/l	98
86) p-Isopropyltoluene	13.28	119	11935	1.022	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	5526	1.006	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	5338m	1.015	ug/l	
89) n-Butylbenzene	13.61	91	8127	0.901	ug/l	100
90) Hexachloroethane	13.87	117	2052	0.992	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	5800	1.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	490	0.867	ug/l	89
93) 1,2,4-Trichlorobenzene	14.90	180	1964	0.854	ug/l	99
94) Hexachlorobutadiene	15.01	225	2757	1.227	ug/l	93
95) Naphthalene	15.12	128	4795	0.825	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	2090	0.837	ug/l	68

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

