

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056920.D
 Acq On : 25 Jul 2019 14:05
 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
 7/26/2019 12:38:36 PM

Quant Time: Jul 26 03:55:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 03:38:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	446946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	674420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	546098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148176	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	1.84	85	3732	0.775	ug/l	92
3) Chloromethane	2.05	50	5368	0.932	ug/l	96
4) Vinyl Chloride	2.17	62	5030	0.927	ug/l	97
6) Chloroethane	2.69	64	3232	1.073	ug/l	89
7) Trichlorofluoromethane	3.00	101	6709	0.949	ug/l	97
8) Diethyl Ether	3.39	74	2435	0.920	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4557	1.049	ug/l	96
12) 1,1-Dichloroethene	3.72	96	3873	0.923	ug/l	97
14) Allyl chloride	4.31	41	6516	0.957	ug/l #	90
15) Acrylonitrile	4.97	53	8412	4.381	ug/l	92
16) Acetone	3.80	43	7674	4.859	ug/l	100
17) Carbon Disulfide	4.03	76	11179	0.990	ug/l #	91
18) Methyl Acetate	4.30	43	6505	1.176	ug/l #	65
19) Methyl tert-butyl Ether	5.02	73	11493	0.932	ug/l	96
20) Methylene Chloride	4.53	84	5486m	1.097	ug/l	
21) trans-1,2-Dichloroethene	5.02	96	4341	0.967	ug/l	87
22) Diisopropyl ether	5.93	45	12481	0.901	ug/l	91
23) Vinyl Acetate	5.87	43	39175	4.103	ug/l	98
24) 1,1-Dichloroethane	5.83	63	7526	0.924	ug/l #	83
25) 2-Butanone	6.82	43	11501	4.731	ug/l	92
26) 2,2-Dichloropropane	6.80	77	5578	0.933	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	4498	0.878	ug/l	75
28) Bromochloromethane	7.17	49	3469	0.923	ug/l #	92
29) Tetrahydrofuran	7.20	42	7032	4.414	ug/l	93
30) Chloroform	7.35	83	9101	1.085	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	6580	0.980	ug/l #	48
36) 1,1-Dichloropropene	7.77	75	5963	0.967	ug/l	93
37) Ethyl Acetate	6.92	43	5117	1.024	ug/l #	75
38) Carbon Tetrachloride	7.75	117	5688	0.970	ug/l #	80
39) Methylcyclohexane	9.07	83	6473	0.861	ug/l	96
40) Benzene	8.03	78	18770	0.976	ug/l	91
41) Methacrylonitrile	7.17	41	2226m	1.097	ug/l	
42) 1,2-Dichloroethane	8.11	62	5476	0.922	ug/l	91
43) Isopropyl Acetate	8.15	43	7891	0.960	ug/l #	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	4976	0.949	ug/l	97
45) 1,2-Dichloropropane	9.11	63	5154	0.997	ug/l	89
46) Dibromomethane	9.20	93	2758	0.885	ug/l	98
47) Bromodichloromethane	9.39	83	5448	0.896	ug/l #	79
48) Methyl methacrylate	9.19	41	3652	0.925	ug/l	86
49) 1,4-Dioxane	9.19	88	1503	18.190	ug/l #	95
51) 4-Methyl-2-Pentanone	9.98	43	21802	4.461	ug/l	94
52) Toluene	10.15	92	9951	0.863	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	4636	0.756	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	5964	0.826	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	4492	0.972	ug/l	97
56) Ethyl methacrylate	10.42	69	4836	0.778	ug/l #	93
57) 1,3-Dichloropropane	10.70	76	6658	0.880	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.68	63	7254	2.962	ug/l	99
59) 2-Hexanone	10.74	43	13836	4.129	ug/l	96
60) Dibromochloromethane	10.89	129	4143	0.882	ug/l	94
61) 1,2-Dibromoethane	11.00	107	3992	0.870	ug/l	97
64) Tetrachloroethene	10.62	164	5229	1.048	ug/l	91
65) Chlorobenzene	11.43	112	10973	0.960	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.50	131	4319	1.016	ug/l #	64
67) Ethyl Benzene	11.50	91	17289	0.879	ug/l	92
68) m/p-Xylenes	11.61	106	12705	1.732	ug/l	97
69) o-Xylene	11.94	106	6515	0.908	ug/l	95
70) Styrene	11.96	104	8524	0.750	ug/l	96
71) Bromoform	12.12	173	2587	0.877	ug/l #	93
73) Isopropylbenzene	12.24	105	15977	1.185	ug/l	97
74) N-amyl acetate	12.07	43	4305	1.087	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.50	83	5262	1.354	ug/l	93
76) 1,2,3-Trichloropropane	12.55	75	3154m	1.028	ug/l	
77) Bromobenzene	12.52	156	3930	1.140	ug/l	93
78) n-propylbenzene	12.59	91	15506	1.089	ug/l	97
79) 2-Chlorotoluene	12.67	91	10560	1.191	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	12621	1.133	ug/l	96
82) 4-Chlorotoluene	12.77	91	8578	1.053	ug/l	96
83) tert-Butylbenzene	12.99	119	12193	1.243	ug/l	96
84) 1,2,4-Trimethylbenzene	13.03	105	10824	1.026	ug/l	97
85) sec-Butylbenzene	13.17	105	13247	1.068	ug/l	99
86) p-Isopropyltoluene	13.28	119	11273	1.028	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	5054	0.980	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	4688m	0.950	ug/l	
89) n-Butylbenzene	13.61	91	7494	0.885	ug/l	95
90) Hexachloroethane	13.87	117	2431	1.252	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	5478	1.049	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	502	0.947	ug/l	77
93) 1,2,4-Trichlorobenzene	14.91	180	1294	0.600	ug/l	90
94) Hexachlorobutadiene	15.00	225	2865	1.359	ug/l	92
95) Naphthalene	15.12	128	3279	0.601	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.29	180	1423	0.607	ug/l	80

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

