

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056850.D
 Acq On : 22 Jul 2019 11:09
 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
 7/25/2019 3:01:03 PM

Quant Time: Jul 23 01:46:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:05:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	320522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	489099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	397139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112404	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	2670	0.828	ug/l	85
3) Chloromethane	2.06	50	4815	1.145	ug/l	96
4) Vinyl Chloride	2.18	62	3956	0.984	ug/l	98
6) Chloroethane	2.70	64	2374	1.029	ug/l #	88
7) Trichlorofluoromethane	3.01	101	5176	1.019	ug/l	99
8) Diethyl Ether	3.40	74	1901	0.977	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	3272m	1.070	ug/l	
12) 1,1-Dichloroethene	3.73	96	3242	1.057	ug/l	82
14) Allyl chloride	4.31	41	5235	0.999	ug/l	91
15) Acrylonitrile	5.00	53	7000	4.157	ug/l	97
16) Acetone	3.82	43	7778	4.957	ug/l	90
17) Carbon Disulfide	4.04	76	8955	1.097	ug/l	97
18) Methyl Acetate	4.33	43	8379	1.867	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	9438	0.978	ug/l	98
20) Methylene Chloride	4.54	84	4122	1.137	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	3236	1.002	ug/l	86
22) Diisopropyl ether	5.96	45	10380	0.998	ug/l	93
23) Vinyl Acetate	5.90	43	35165	4.266	ug/l	100
24) 1,1-Dichloroethane	5.85	63	6237	1.034	ug/l #	83
25) 2-Butanone	6.86	43	8906	3.848	ug/l	100
26) 2,2-Dichloropropane	6.82	77	4399	1.022	ug/l	84
27) cis-1,2-Dichloroethene	6.83	96	3663	0.989	ug/l	96
28) Bromochloromethane	7.20	49	2734	0.971	ug/l #	56
29) Tetrahydrofuran	7.22	42	6175	4.061	ug/l #	80
30) Chloroform	7.37	83	6746	1.116	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	4766	0.996	ug/l #	38
36) 1,1-Dichloropropene	7.79	75	4429	0.965	ug/l	95
37) Ethyl Acetate	6.94	43	3061	0.700	ug/l #	80
38) Carbon Tetrachloride	7.78	117	4211	0.979	ug/l	91
39) Methylcyclohexane	9.08	83	5645	0.997	ug/l	98
40) Benzene	8.04	78	14239	1.013	ug/l	96
41) Methacrylonitrile	7.17	41	1676	0.862	ug/l #	73
42) 1,2-Dichloroethane	8.13	62	4459	1.007	ug/l	91
43) Isopropyl Acetate	8.17	43	6300	0.910	ug/l #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	3814	0.998	ug/l	91
45) 1,2-Dichloropropane	9.12	63	4049	1.087	ug/l #	86
46) Dibromomethane	9.21	93	2498	1.085	ug/l	88
47) Bromodichloromethane	9.40	83	4277	0.975	ug/l	91
48) Methyl methacrylate	9.20	41	3148	0.935	ug/l #	82
49) 1,4-Dioxane	9.20	88	1126	16.189	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	17792	4.001	ug/l	97
52) Toluene	10.16	92	7885	0.943	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	3944	0.865	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	4739	0.893	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	3370	0.970	ug/l	93
56) Ethyl methacrylate	10.43	69	3893	0.788	ug/l	90
57) 1,3-Dichloropropane	10.71	76	5425	0.955	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	6796	2.920	ug/l	97
59) 2-Hexanone	10.75	43	11920	3.772	ug/l	91
60) Dibromochloromethane	10.90	129	2843	0.831	ug/l	91
61) 1,2-Dibromoethane	11.00	107	2838	0.821	ug/l	85
64) Tetrachloroethene	10.63	164	3694	1.063	ug/l	88
65) Chlorobenzene	11.43	112	8377	1.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	3276	1.082	ug/l #	64
67) Ethyl Benzene	11.51	91	13521	0.937	ug/l	91
68) m/p-Xylenes	11.62	106	10085	1.870	ug/l	93
69) o-Xylene	11.95	106	5112	0.964	ug/l	99
70) Styrene	11.96	104	6371	0.744	ug/l	93
71) Bromoform	12.12	173	1867	0.823	ug/l #	85
73) Isopropylbenzene	12.25	105	12573	1.363	ug/l	100
74) N-amyl acetate	12.07	43	4258	1.268	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.50	83	4099	1.347	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	2645m	1.083	ug/l	
77) Bromobenzene	12.53	156	2733	1.134	ug/l	73
78) n-propylbenzene	12.59	91	11976	1.176	ug/l	97
79) 2-Chlorotoluene	12.67	91	8445	1.340	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	10243	1.314	ug/l	96
82) 4-Chlorotoluene	12.77	91	7373	1.232	ug/l	99
83) tert-Butylbenzene	12.99	119	9317	1.370	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	9029	1.188	ug/l	95
85) sec-Butylbenzene	13.17	105	11122	1.282	ug/l	100
86) p-Isopropyltoluene	13.28	119	9339	1.190	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	4409	1.125	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	4249m	1.115	ug/l	
89) n-Butylbenzene	13.61	91	6198	0.987	ug/l	97
90) Hexachloroethane	13.87	117	1768	1.383	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	4640	1.159	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	503	1.056	ug/l	71
93) 1,2,4-Trichlorobenzene	14.90	180	1172	0.650	ug/l #	70
94) Hexachlorobutadiene	15.01	225	2223	1.541	ug/l	94
95) Naphthalene	15.13	128	3656	0.759	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	1529	0.811	ug/l	88

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

