

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055975.D
 Acq On : 4 Jun 2019 8:22
 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
 6/5/2019 4:03:21 PM

Quant Time: Jun 04 10:53:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 10:49:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	331788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	458990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	392917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128538	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	2400	0.736 ug/l	93
3) Chloromethane	2.06	50	3110	0.865 ug/l	98
4) Vinyl Chloride	2.18	62	3150	0.873 ug/l #	87
6) Chloroethane	2.69	64	2073	0.991 ug/l	96
7) Trichlorofluoromethane	3.01	101	4615	1.002 ug/l	95
8) Diethyl Ether	3.40	74	1906	1.006 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	2610	0.933 ug/l #	88
12) 1,1-Dichloroethene	3.72	96	2406	0.864 ug/l	90
14) Allyl chloride	4.32	41	4113m	0.935 ug/l	
15) Acrylonitrile	5.00	53	5564	3.987 ug/l #	85
16) Acetone	3.81	43	8212	5.212 ug/l	94
17) Carbon Disulfide	4.04	76	5693	0.854 ug/l #	88
18) Methyl Acetate	4.33	43	4816	1.393 ug/l #	86
19) Methyl tert-butyl Ether	5.04	73	8602	0.969 ug/l	98
20) Methylene Chloride	4.55	84	3107	0.957 ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	2758	0.924 ug/l	84
22) Diisopropyl ether	5.95	45	8953	0.985 ug/l	97
23) Vinyl Acetate	5.90	43	29754	4.156 ug/l	98
24) 1,1-Dichloroethane	5.84	63	4892	0.933 ug/l #	83
25) 2-Butanone	6.84	43	8724	4.382 ug/l	98
26) 2,2-Dichloropropane	6.81	77	4028	0.984 ug/l #	75
27) cis-1,2-Dichloroethene	6.83	96	3256	0.928 ug/l	96
28) Bromochloromethane	7.18	49	2349	0.947 ug/l #	95
29) Tetrahydrofuran	7.22	42	5426	4.409 ug/l	96
30) Chloroform	7.37	83	4994	0.947 ug/l	100
32) 1,1,1-Trichloroethane	7.56	97	3953	0.897 ug/l #	36
36) 1,1-Dichloropropene	7.78	75	4312	1.093 ug/l #	88
37) Ethyl Acetate	6.93	43	3086	0.879 ug/l #	83
38) Carbon Tetrachloride	7.76	117	3612	0.993 ug/l	87
39) Methylcyclohexane	9.08	83	4901	0.997 ug/l #	82
40) Benzene	8.04	78	11669	0.973 ug/l	98
41) Methacrylonitrile	7.18	41	1530	0.947 ug/l #	40
42) 1,2-Dichloroethane	8.12	62	3916	1.016 ug/l	84
43) Isopropyl Acetate	8.17	43	5111	0.898 ug/l #	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Trichloroethene	8.83	130	3470	1.007	ug/l	100
45) 1,2-Dichloropropane	9.12	63	3003	0.978	ug/l	98
46) Dibromomethane	9.20	93	1890	0.941	ug/l	96
47) Bromodichloromethane	9.40	83	3306	0.909	ug/l #	92
48) Methyl methacrylate	9.20	41	2498	0.897	ug/l	99
49) 1,4-Dioxane	9.20	88	1067	17.753	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	16778	4.715	ug/l	93
52) Toluene	10.15	92	6773	0.908	ug/l	87
53) t-1,3-Dichloropropene	10.38	75	2924	0.774	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	3459	0.791	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	2693	0.911	ug/l	98
56) Ethyl methacrylate	10.43	69	3690	0.856	ug/l	96
57) 1,3-Dichloropropane	10.71	76	4466	0.930	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.69	63	6135	4.055	ug/l	98
59) 2-Hexanone	10.75	43	12334	4.782	ug/l	87
60) Dibromochloromethane	10.90	129	2136	0.748	ug/l	96
61) 1,2-Dibromoethane	11.00	107	2645	0.876	ug/l	91
64) Tetrachloroethene	10.63	164	3936	1.157	ug/l	92
65) Chlorobenzene	11.43	112	8120	1.038	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.50	131	2331	0.863	ug/l #	64
67) Ethyl Benzene	11.51	91	13732	1.010	ug/l	96
68) m/p-Xylenes	11.62	106	10177	1.959	ug/l	95
69) o-Xylene	11.94	106	4955	0.970	ug/l	99
70) Styrene	11.96	104	6765	0.833	ug/l	96
71) Bromoform	12.12	173	1464	0.750	ug/l #	91
73) Isopropylbenzene	12.25	105	12729	1.224	ug/l	97
74) N-amyl acetate	12.07	43	3655	1.067	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	3585	1.201	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	2730m	1.154	ug/l	
77) Bromobenzene	12.53	156	3192	1.160	ug/l	91
78) n-propylbenzene	12.59	91	12441	1.144	ug/l	97
79) 2-Chlorotoluene	12.67	91	8326	1.216	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	10483	1.213	ug/l	96
82) 4-Chlorotoluene	12.77	91	7153	1.124	ug/l	93
83) tert-Butylbenzene	12.99	119	9622	1.250	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	8872	1.083	ug/l	98
85) sec-Butylbenzene	13.17	105	11303	1.174	ug/l	100
86) p-Isopropyltoluene	13.29	119	9597	1.114	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	4482	1.052	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	4265m	1.041	ug/l	
89) n-Butylbenzene	13.61	91	6442	1.009	ug/l	91
90) Hexachloroethane	13.88	117	1315	1.012	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	4646	1.080	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	338	0.792	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	1444	0.732	ug/l	84
94) Hexachlorobutadiene	15.00	225	2122	1.266	ug/l	94
95) Naphthalene	15.13	128	3579	0.700	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.31	180	1575	0.750	ug/l	98

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

