

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051419\
 Data File : VN055585.D
 Acq On : 14 May 2019 11:07
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 1:27:41 PM

Quant Time: May 15 07:29:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 06:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	824111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1354161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1152822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	329810	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	9319	1.108	ug/l	96
3) Chloromethane	2.06	50	14932	1.103	ug/l	98
4) Vinyl Chloride	2.19	62	14117	1.097	ug/l	96
6) Chloroethane	2.69	64	8127	1.074	ug/l	99
7) Trichlorofluoromethane	3.02	101	15225	1.077	ug/l	93
8) Diethyl Ether	3.41	74	7111	1.120	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.75	101	10000	1.111	ug/l	95
12) 1,1-Dichloroethene	3.73	96	9254	1.025	ug/l	96
14) Allyl chloride	4.31	41	18673m	1.023	ug/l	
15) Acrylonitrile	5.00	53	24566	4.425	ug/l #	60
16) Acetone	3.82	43	26619	4.691	ug/l	97
17) Carbon Disulfide	4.04	76	28788	1.162	ug/l	98
18) Methyl Acetate	4.34	43	14873	1.073	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	27962	0.943	ug/l	93
20) Methylene Chloride	4.55	84	12402	1.061	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	9847	1.005	ug/l	95
22) Diisopropyl ether	5.95	45	32901	0.889	ug/l #	86
23) Vinyl Acetate	5.90	43	117986	4.141	ug/l	99
24) 1,1-Dichloroethane	5.85	63	20133	0.999	ug/l	99
25) 2-Butanone	6.85	43	33613	4.350	ug/l	98
26) 2,2-Dichloropropane	6.83	77	13132m	1.047	ug/l	
27) cis-1,2-Dichloroethene	6.84	96	12166	1.080	ug/l	93
28) Bromochloromethane	7.19	49	9728	0.944	ug/l #	61
29) Tetrahydrofuran	7.23	42	23473	4.591	ug/l	96
30) Chloroform	7.37	83	18570	0.998	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	13868	0.976	ug/l #	53
36) 1,1-Dichloropropene	7.80	75	15333	1.155	ug/l	94
37) Ethyl Acetate	6.94	43	12706	0.895	ug/l #	96
38) Carbon Tetrachloride	7.77	117	12018	1.069	ug/l #	82
39) Methylcyclohexane	9.08	83	17525	1.084	ug/l	94
40) Benzene	8.04	78	43104	1.048	ug/l	98
41) Methacrylonitrile	7.18	41	4475	0.681	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	15059	1.046	ug/l	90
43) Isopropyl Acetate	8.17	43	20458	0.952	ug/l	97

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

44) Trichloroethene	8.84	130	10319	1.047	ug/l	97
45) 1,2-Dichloropropane	9.12	63	11445	0.974	ug/l	100
46) Dibromomethane	9.21	93	7372	1.084	ug/l	95
47) Bromodichloromethane	9.40	83	13397	1.025	ug/l	96
48) Methyl methacrylate	9.20	41	10332	0.995	ug/l	93
49) 1,4-Dioxane	9.21	88	3481	17.306	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	63294	4.499	ug/l	97
52) Toluene	10.16	92	24325	1.033	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	12069	0.966	ug/l #	83
54) cis-1,3-Dichloropropene	9.84	75	13790	0.921	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	10334	1.086	ug/l	94
56) Ethyl methacrylate	10.43	69	12138	0.866	ug/l	97
57) 1,3-Dichloropropane	10.71	76	16779	0.996	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	14209	3.679	ug/l	97
59) 2-Hexanone	10.75	43	42984	4.363	ug/l	99
60) Dibromochloromethane	10.90	129	8207	0.948	ug/l	97
61) 1,2-Dibromoethane	11.01	107	8769	0.961	ug/l	99
64) Tetrachloroethene	10.63	164	9610	1.020	ug/l	94
65) Chlorobenzene	11.43	112	25206	1.065	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	8147	0.997	ug/l #	61
67) Ethyl Benzene	11.51	91	42827	0.968	ug/l	98
68) m/p-Xylenes	11.62	106	31636	1.988	ug/l	89
69) o-Xylene	11.94	106	15119	0.968	ug/l	92
70) Styrene	11.96	104	21305	0.853	ug/l	96
71) Bromoform	12.12	173	4834	0.883	ug/l #	99
73) Isopropylbenzene	12.25	105	38823	1.205	ug/l	98
74) N-amyl acetate	12.07	43	13806	1.130	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	13908	1.331	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	8456m	0.958	ug/l	
77) Bromobenzene	12.53	156	9428	1.298	ug/l	97
78) n-propylbenzene	12.59	91	38329	1.090	ug/l	98
79) 2-Chlorotoluene	12.67	91	26799	1.224	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	27538	1.051	ug/l	99
82) 4-Chlorotoluene	12.77	91	22086	1.067	ug/l	96
83) tert-Butylbenzene	12.99	119	25752	1.148	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	25062	1.044	ug/l	94
85) sec-Butylbenzene	13.17	105	31566	1.061	ug/l	98
86) p-Isopropyltoluene	13.29	119	24423	1.008	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	12421	1.110	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	13635	1.234	ug/l	90
89) n-Butylbenzene	13.61	91	17420	0.937	ug/l	96
90) Hexachloroethane	13.87	117	5267	1.331	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	13301	1.188	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1683	1.136	ug/l	90
93) 1,2,4-Trichlorobenzene	14.91	180	4970	1.313	ug/l	97
94) Hexachlorobutadiene	15.01	225	5347	1.334	ug/l	92
95) Naphthalene	15.13	128	15541	1.405	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	6283	1.416	ug/l	90

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

