

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054759.D
 Acq On : 29 Mar 2019 10:00
 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
 4/1/2019 3:59:52 PM

Quant Time: Mar 30 00:18:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	466570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	776003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	619166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205265	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	5315	1.126	ug/l	97
3) Chloromethane	2.06	50	7123	1.092	ug/l	94
4) Vinyl Chloride	2.19	62	6606	1.127	ug/l	93
5) Bromomethane	2.58	94	4307	1.217	ug/l #	79
6) Chloroethane	2.72	64	3994	1.221	ug/l	98
7) Trichlorofluoromethane	3.02	101	8004	1.111	ug/l #	83
8) Diethyl Ether	3.41	74	2601	1.121	ug/l	67
9) 1,1,2-Trichlorotrifluoroet	3.76	101	4376m	1.229	ug/l	
12) 1,1-Dichloroethene	3.73	96	3924	1.070	ug/l #	82
14) Allyl chloride	4.32	41	10370m	1.159	ug/l	
15) Acrylonitrile	5.00	53	9140	5.018	ug/l #	83
16) Acetone	3.82	43	8227	5.485	ug/l #	86
17) Carbon Disulfide	4.04	76	12398	1.042	ug/l #	88
18) Methyl Acetate	4.33	43	5745	1.326	ug/l #	85
19) Methyl tert-butyl Ether	5.06	73	13309	1.037	ug/l	92
20) Methylene Chloride	4.54	84	6187	1.169	ug/l #	84
21) trans-1,2-Dichloroethene	5.04	96	5133	1.066	ug/l	97
22) Diisopropyl ether	5.97	45	17771	0.995	ug/l #	88
23) Vinyl Acetate	5.90	43	54631m	4.500	ug/l	
24) 1,1-Dichloroethane	5.85	63	9857	1.034	ug/l #	92
25) 2-Butanone	6.85	43	9234	4.165	ug/l #	85
26) 2,2-Dichloropropane	6.81	77	6699m	1.003	ug/l	
27) cis-1,2-Dichloroethene	6.83	96	5798	1.065	ug/l	44
28) Bromochloromethane	7.20	49	4965	1.042	ug/l #	35
29) Tetrahydrofuran	7.23	42	8067m	5.232	ug/l	
30) Chloroform	7.38	83	9393	1.034	ug/l #	83
31) Cyclohexane	7.66	56	19330	1.762	ug/l #	65
32) 1,1,1-Trichloroethane	7.57	97	7648	1.015	ug/l #	41
36) 1,1-Dichloropropene	7.79	75	7769m	1.097	ug/l	
37) Ethyl Acetate	6.95	43	5693m	1.094	ug/l	
38) Carbon Tetrachloride	7.77	117	8472	1.206	ug/l	96
39) Methylcyclohexane	9.08	83	7835	0.986	ug/l #	86
40) Benzene	8.04	78	20809	1.006	ug/l	99
41) Methacrylonitrile	7.19	41	2904	0.975	ug/l #	35

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

42) 1,2-Dichloroethane	8.12	62	7575	1.025	ug/l	99
43) Isopropyl Acetate	8.17	43	6668	0.774	ug/l #	79
44) Trichloroethene	8.83	130	5294	0.986	ug/l	78
45) 1,2-Dichloropropane	9.12	63	6056	1.027	ug/l	93
46) Dibromomethane	9.21	93	3426	1.032	ug/l	85
47) Bromodichloromethane	9.40	83	6412	0.930	ug/l	98
48) Methyl methacrylate	9.20	41	5002	1.071	ug/l #	73
49) 1,4-Dioxane	9.21	88	715	15.429	ug/l #	45
51) 4-Methyl-2-Pentanone	9.99	43	21048	4.345	ug/l	90
52) Toluene	10.15	92	12258	0.996	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	5193	0.800	ug/l	95
54) cis-1,3-Dichloropropene	9.84	75	6068	0.783	ug/l #	74
55) 1,1,2-Trichloroethane	10.56	97	4783	1.045	ug/l	93
56) Ethyl methacrylate	10.43	69	5264	0.877	ug/l #	67
57) 1,3-Dichloropropane	10.71	76	7475	0.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	8592	3.731	ug/l	91
59) 2-Hexanone	10.76	43	13508	4.356	ug/l	90
60) Dibromochloromethane	10.90	129	3869	0.834	ug/l	90
61) 1,2-Dibromoethane	11.01	107	4094	0.936	ug/l	89
64) Tetrachloroethene	10.63	164	5086	1.070	ug/l #	90
65) Chlorobenzene	11.43	112	11999	0.990	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.51	131	4318	0.952	ug/l #	65
67) Ethyl Benzene	11.51	91	21262	0.972	ug/l	97
68) m/p-Xylenes	11.62	106	16073	1.985	ug/l	96
69) o-Xylene	11.95	106	7971	1.004	ug/l	97
70) Styrene	11.96	104	10980	0.865	ug/l	96
71) Bromoform	12.13	173	2096	0.788	ug/l #	97
73) Isopropylbenzene	12.25	105	19443	1.159	ug/l	99
74) N-amyl acetate	12.07	43	5539	1.060	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.50	83	5180	1.243	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	4060m	1.178	ug/l	
77) Bromobenzene	12.53	156	4731	1.168	ug/l	75
78) n-propylbenzene	12.59	91	20694	1.122	ug/l	93
79) 2-Chlorotoluene	12.67	91	13666	1.198	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	15993	1.162	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.31	75	911	0.994	ug/l #	47
82) 4-Chlorotoluene	12.77	91	11934	1.077	ug/l	100
83) tert-Butylbenzene	12.99	119	14608	1.213	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	12964	0.988	ug/l	95
85) sec-Butylbenzene	13.17	105	16441	1.099	ug/l	96
86) p-Isopropyltoluene	13.29	119	13845	1.050	ug/l	93
87) 1,3-Dichlorobenzene	13.28	146	7189	1.060	ug/l	86
88) 1,4-Dichlorobenzene	13.36	146	7381m	1.110	ug/l	
89) n-Butylbenzene	13.61	91	11031	1.025	ug/l	93
90) Hexachloroethane	13.87	117	2434	1.087	ug/l	85
91) 1,2-Dichlorobenzene	13.65	146	8314	1.215	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	543	0.947	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	3299	1.000	ug/l	95
94) Hexachlorobutadiene	15.00	225	2672	1.201	ug/l	86
95) Naphthalene	15.13	128	7296	0.986	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	3527	1.059	ug/l	99

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

