

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058694.D
 Acq On : 11 Oct 2019 11:30
 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
 10/16/2019 12:48:13 AM

Quant Time: Oct 11 23:55:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 23:28:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	419388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	682196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	616593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267755	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	4995	1.063	ug/l	97
3) Chloromethane	2.04	50	7194	1.373	ug/l	95
4) Vinyl Chloride	2.17	62	6201	1.204	ug/l	98
6) Chloroethane	2.69	64	4038	1.306	ug/l	100
7) Trichlorofluoromethane	3.00	101	7961	1.296	ug/l	99
8) Diethyl Ether	3.39	74	2878	1.113	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	4425	1.093	ug/l #	63
12) 1,1-Dichloroethene	3.72	96	4101	1.039	ug/l	89
14) Allyl chloride	4.31	41	8990	1.231	ug/l	94
15) Acrylonitrile	4.97	53	10917	5.320	ug/l #	92
16) Acetone	3.80	43	13465	6.288	ug/l	99
17) Carbon Disulfide	4.03	76	14028	1.311	ug/l	97
18) Methyl Acetate	4.31	43	6430	1.185	ug/l #	81
19) Methyl tert-butyl Ether	5.02	73	13990	0.998	ug/l	97
20) Methylene Chloride	4.53	84	6396	1.322	ug/l	90
21) trans-1,2-Dichloroethene	5.02	96	4702	1.068	ug/l	93
22) Diisopropyl ether	5.92	45	14839	0.954	ug/l #	68
23) Vinyl Acetate	5.88	43	59055	4.992	ug/l	97
24) 1,1-Dichloroethane	5.82	63	8997	1.030	ug/l #	87
25) 2-Butanone	6.82	43	17157	5.788	ug/l	91
26) 2,2-Dichloropropane	6.81	77	9669	1.333	ug/l #	55
27) cis-1,2-Dichloroethene	6.81	96	5867	1.145	ug/l	95
28) Bromochloromethane	7.18	49	3347	0.984	ug/l #	62
29) Tetrahydrofuran	7.20	42	10918	5.775	ug/l	93
30) Chloroform	7.35	83	9982	1.132	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	7557	1.036	ug/l #	51
36) 1,1-Dichloropropene	7.78	75	6958	1.060	ug/l	98
37) Ethyl Acetate	6.92	43	5908	1.026	ug/l #	86
38) Carbon Tetrachloride	7.76	117	6402	1.067	ug/l	96
39) Methylcyclohexane	9.07	83	7614	0.991	ug/l	97
40) Benzene	8.02	78	20188	1.071	ug/l	99
41) Methacrylonitrile	7.15	41	2387m	0.884	ug/l	
42) 1,2-Dichloroethane	8.11	62	7938	1.083	ug/l	97
43) Isopropyl Acetate	8.15	43	12057	1.130	ug/l #	84

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

44) Trichloroethene	8.82	130	5106	1.099	ug/l	100
45) 1,2-Dichloropropane	9.11	63	5369	1.061	ug/l	98
46) Dibromomethane	9.20	93	3304	1.029	ug/l	96
47) Bromodichloromethane	9.40	83	6762	1.102	ug/l	99
48) Methyl methacrylate	9.19	41	5098	1.052	ug/l	94
49) 1,4-Dioxane	9.19	88	1533	23.255	ug/l #	93
51) 4-Methyl-2-Pentanone	9.98	43	29871	5.348	ug/l	97
52) Toluene	10.15	92	11958	1.006	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	7392	1.104	ug/l #	66
54) cis-1,3-Dichloropropene	9.83	75	7674	1.039	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	5783	1.332	ug/l	90
56) Ethyl methacrylate	10.43	69	5798	0.874	ug/l #	77
57) 1,3-Dichloropropane	10.71	76	8407	1.085	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.69	63	15573	5.671	ug/l	99
59) 2-Hexanone	10.75	43	22984	5.588	ug/l	98
60) Dibromochloromethane	10.90	129	4770	1.138	ug/l	93
61) 1,2-Dibromoethane	11.00	107	5019	1.127	ug/l	88
64) Tetrachloroethene	10.63	164	4612	1.163	ug/l	96
65) Chlorobenzene	11.43	112	12491	1.018	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	4616	1.105	ug/l #	65
67) Ethyl Benzene	11.51	91	21111	0.949	ug/l	100
68) m/p-Xylenes	11.62	106	15160	1.810	ug/l	98
69) o-Xylene	11.95	106	7790	0.969	ug/l	84
70) Styrene	11.97	104	11953	0.915	ug/l	97
71) Bromoform	12.13	173	2781	1.041	ug/l #	87
73) Isopropylbenzene	12.25	105	19745	1.003	ug/l	99
74) N-amyl acetate	12.08	43	7649	0.958	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	6586	1.111	ug/l	91
76) 1,2,3-Trichloropropane	12.56	75	6262m	1.256	ug/l	
77) Bromobenzene	12.53	156	4911	1.060	ug/l	98
78) n-propylbenzene	12.59	91	22248	0.999	ug/l	95
79) 2-Chlorotoluene	12.68	91	15189	1.106	ug/l	95
80) 1,3,5-Trimethylbenzene	12.74	105	15653	0.947	ug/l	98
82) 4-Chlorotoluene	12.78	91	14721	1.048	ug/l	100
83) tert-Butylbenzene	13.00	119	13976	1.002	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	15306	0.924	ug/l	98
85) sec-Butylbenzene	13.18	105	17375	0.943	ug/l	99
86) p-Isopropyltoluene	13.29	119	16032	0.984	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	8966	1.064	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	9787m	1.169	ug/l	
89) n-Butylbenzene	13.62	91	14816	0.998	ug/l	97
90) Hexachloroethane	13.88	117	2633	1.052	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	8750	1.079	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1875	1.737	ug/l	74
93) 1,2,4-Trichlorobenzene	14.92	180	5124	1.133	ug/l	96
94) Hexachlorobutadiene	15.02	225	2907	1.233	ug/l	99
95) Naphthalene	15.13	128	14081	1.175	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	5108	1.234	ug/l	95

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

