

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057799.D
 Acq On : 9 Sep 2019 14:42
 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
 9/10/2019 4:29:50 PM

Quant Time: Sep 10 02:43:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	335950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	541925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251216	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	1.83	85	4925	0.943	ug/l	92
3) Chloromethane	2.03	50	6362	0.705	ug/l #	79
4) Vinyl Chloride	2.16	62	6219	1.336	ug/l	90
6) Chloroethane	2.68	64	4362	1.569	ug/l	97
7) Trichlorofluoromethane	2.99	101	8616	1.197	ug/l	90
8) Diethyl Ether	3.39	74	3328	1.160	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4630	1.026	ug/l #	46
12) 1,1-Dichloroethene	3.71	96	4575	1.133	ug/l	97
14) Allyl chloride	4.30	41	9121	1.011	ug/l #	92
15) Acrylonitrile	4.98	53	12671m	5.375	ug/l	
16) Acetone	3.80	43	13211	5.316	ug/l	97
17) Carbon Disulfide	4.02	76	9747	1.114	ug/l #	93
18) Methyl Acetate	4.31	43	6954	1.034	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	16765	0.982	ug/l	100
20) Methylene Chloride	4.53	84	6683m	1.260	ug/l	
21) trans-1,2-Dichloroethene	5.01	96	4860	1.144	ug/l	88
22) Diisopropyl ether	5.93	45	17771	0.907	ug/l	95
23) Vinyl Acetate	5.88	43	63760	4.114	ug/l	99
24) 1,1-Dichloroethane	5.82	63	10825	1.073	ug/l #	95
25) 2-Butanone	6.82	43	18007	5.075	ug/l	97
26) 2,2-Dichloropropane	6.81	77	7861	0.944	ug/l	94
27) cis-1,2-Dichloroethene	6.81	96	6204	1.142	ug/l	92
28) Bromochloromethane	7.17	49	4968	0.931	ug/l #	95
29) Tetrahydrofuran	7.20	42	11753	5.176	ug/l	96
30) Chloroform	7.36	83	11384	1.082	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	8631	0.994	ug/l #	39
36) 1,1-Dichloropropene	7.78	75	8069	1.150	ug/l #	92
37) Ethyl Acetate	6.92	43	8089m	1.162	ug/l	
38) Carbon Tetrachloride	7.75	117	6134	0.921	ug/l	85
39) Methylcyclohexane	9.07	83	7863	1.067	ug/l	93
40) Benzene	8.03	78	22329	1.113	ug/l	96
41) Methacrylonitrile	7.16	41	3073	0.902	ug/l #	54
42) 1,2-Dichloroethane	8.11	62	8914	0.970	ug/l	85
43) Isopropyl Acetate	8.16	43	11922	0.897	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	5532	1.220	ug/l	94
45) 1,2-Dichloropropane	9.11	63	6348	1.127	ug/l	98
46) Dibromomethane	9.21	93	3745	1.046	ug/l	98
47) Bromodichloromethane	9.40	83	6699	0.882	ug/l #	97
48) Methyl methacrylate	9.19	41	6735	0.986	ug/l	92
49) 1,4-Dioxane	9.19	88	2109	25.353	ug/l	88
51) 4-Methyl-2-Pentanone	9.98	43	37752	5.050	ug/l	96
52) Toluene	10.15	92	13561	1.108	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	6436	0.839	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	7421	0.893	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	5485	1.098	ug/l	96
56) Ethyl methacrylate	10.43	69	7624	0.964	ug/l #	88
57) 1,3-Dichloropropane	10.70	76	9539	1.068	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.69	63	18134	4.515	ug/l	97
59) 2-Hexanone	10.75	43	27518	5.176	ug/l	97
60) Dibromochloromethane	10.90	129	4250	0.883	ug/l	100
61) 1,2-Dibromoethane	11.00	107	5001	1.051	ug/l	97
64) Tetrachloroethene	10.63	164	4633	1.231	ug/l	94
65) Chlorobenzene	11.43	112	15667	1.224	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	4682	1.051	ug/l #	62
67) Ethyl Benzene	11.51	91	27673	1.140	ug/l	93
68) m/p-Xylenes	11.62	106	18019	2.133	ug/l	97
69) o-Xylene	11.95	106	8769	1.044	ug/l	91
70) Styrene	11.96	104	14346	0.984	ug/l	95
71) Bromoform	12.13	173	2253	0.785	ug/l #	65
73) Isopropylbenzene	12.25	105	22793	1.047	ug/l	97
74) N-amyl acetate	12.07	43	8972m	0.840	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.51	83	7921	1.193	ug/l	92
76) 1,2,3-Trichloropropane	12.55	75	6699m	1.170	ug/l	
77) Bromobenzene	12.53	156	6025	1.260	ug/l	90
78) n-propylbenzene	12.60	91	26970	1.048	ug/l	97
79) 2-Chlorotoluene	12.68	91	17473	1.113	ug/l	94
80) 1,3,5-Trimethylbenzene	12.74	105	18340	0.990	ug/l	100
82) 4-Chlorotoluene	12.78	91	17040	1.051	ug/l	100
83) tert-Butylbenzene	13.00	119	16553	1.051	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	20107	1.094	ug/l	96
85) sec-Butylbenzene	13.18	105	22673	1.049	ug/l	99
86) p-Isopropyltoluene	13.29	119	18517	1.004	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	10092	1.118	ug/l	92
88) 1,4-Dichlorobenzene	13.37	146	11257m	1.247	ug/l	
89) n-Butylbenzene	13.62	91	17601	0.974	ug/l	95
90) Hexachloroethane	13.88	117	2299	0.807	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	10680	1.203	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1050	0.825	ug/l	92
93) 1,2,4-Trichlorobenzene	14.92	180	7825	1.476	ug/l	100
94) Hexachlorobutadiene	15.02	225	2926	1.152	ug/l	95
95) Naphthalene	15.13	128	24356	1.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	8401	1.658	ug/l	95

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

