

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057702.D
 Acq On : 5 Sep 2019 17:25
 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
 9/9/2019 1:10:18 PM

Quant Time: Sep 06 02:31:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 02:20:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	190841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	283899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	146779	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	2745	0.914	ug/l	92
3) Chloromethane	2.04	50	12127	3.908	ug/l	97
4) Vinyl Chloride	2.17	62	2498	0.981	ug/l #	80
6) Chloroethane	2.68	64	1628	0.952	ug/l #	49
7) Trichlorofluoromethane	3.00	101	4052	0.872	ug/l	89
8) Diethyl Ether	3.39	74	1433m	0.882	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2508m	0.972	ug/l	
12) 1,1-Dichloroethene	3.72	96	2241m	1.002	ug/l	
14) Allyl chloride	4.30	41	5136	1.008	ug/l #	58
15) Acrylonitrile	4.98	53	5817m	4.703	ug/l	
16) Acetone	3.81	43	7766	5.236	ug/l	98
17) Carbon Disulfide	4.04	76	4679	0.894	ug/l #	76
18) Methyl Acetate	4.32	43	4256m	1.099	ug/l	
19) Methyl tert-butyl Ether	5.03	73	9438	1.011	ug/l #	75
20) Methylene Chloride	4.53	84	3517m	1.227	ug/l	
21) trans-1,2-Dichloroethene	5.01	96	2361m	0.977	ug/l	
22) Diisopropyl ether	5.93	45	10843	0.996	ug/l #	82
23) Vinyl Acetate	5.88	43	42423	5.178	ug/l #	94
24) 1,1-Dichloroethane	5.84	63	5936m	1.078	ug/l	
25) 2-Butanone	6.83	43	9193	4.690	ug/l	98
26) 2,2-Dichloropropane	6.81	77	4048m	0.834	ug/l	
27) cis-1,2-Dichloroethene	6.80	96	2902m	0.998	ug/l	
28) Bromochloromethane	7.18	49	3247	1.125	ug/l #	96
29) Tetrahydrofuran	7.20	42	6577	5.505	ug/l #	65
30) Chloroform	7.36	83	6037	1.032	ug/l	96
32) 1,1,1-Trichloroethane	7.56	97	4614m	0.951	ug/l	
36) 1,1-Dichloropropene	7.78	75	4534	1.122	ug/l #	82
37) Ethyl Acetate	6.92	43	3612m	0.876	ug/l	
38) Carbon Tetrachloride	7.77	117	3457	0.839	ug/l	95
39) Methylcyclohexane	9.08	83	4310	0.960	ug/l #	84
40) Benzene	8.03	78	11865	1.009	ug/l	98
41) Methacrylonitrile	7.17	41	2162m	1.257	ug/l	
42) 1,2-Dichloroethane	8.11	62	5450	1.008	ug/l	87
43) Isopropyl Acetate	8.16	43	7510	0.992	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	2517	0.894	ug/l	89
45) 1,2-Dichloropropane	9.11	63	3045	0.927	ug/l	92
46) Dibromomethane	9.20	93	1960	0.916	ug/l	96
47) Bromodichloromethane	9.39	83	4051	0.916	ug/l #	95
48) Methyl methacrylate	9.19	41	4402	1.204	ug/l	91
49) 1,4-Dioxane	9.19	88	846	16.344	ug/l #	52
51) 4-Methyl-2-Pentanone	9.98	43	20898	5.001	ug/l	96
52) Toluene	10.15	92	6876	0.944	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	3480	0.769	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	3960	0.802	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	2609	0.899	ug/l #	77
56) Ethyl methacrylate	10.43	69	3711	0.832	ug/l	92
57) 1,3-Dichloropropane	10.71	76	4930	0.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	11192	7.063	ug/l	94
59) 2-Hexanone	10.75	43	12984	4.432	ug/l	90
60) Dibromochloromethane	10.90	129	2170	0.762	ug/l	98
61) 1,2-Dibromoethane	11.00	107	2215	0.780	ug/l	88
64) Tetrachloroethene	10.63	164	2333	0.950	ug/l #	71
65) Chlorobenzene	11.44	112	7546	1.048	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.51	131	2254	0.861	ug/l #	42
67) Ethyl Benzene	11.51	91	13802	1.004	ug/l	99
68) m/p-Xylenes	11.62	106	8995	1.900	ug/l	98
69) o-Xylene	11.94	106	4559	0.966	ug/l	95
70) Styrene	11.96	104	7615	1.013	ug/l	95
71) Bromoform	12.13	173	1187	0.726	ug/l #	68
73) Isopropylbenzene	12.25	105	12473	0.708	ug/l	94
74) N-amyl acetate	12.07	43	5998	0.820	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	3834	0.803	ug/l	96
76) 1,2,3-Trichloropropane	12.56	75	3773m	0.936	ug/l	
77) Bromobenzene	12.53	156	2648	0.705	ug/l	89
78) n-propylbenzene	12.59	91	15439	0.804	ug/l	99
79) 2-Chlorotoluene	12.68	91	9043	0.763	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	10309	0.719	ug/l	96
82) 4-Chlorotoluene	12.78	91	8908	0.794	ug/l	95
83) tert-Butylbenzene	12.99	119	9131	0.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	9883	0.753	ug/l	94
85) sec-Butylbenzene	13.17	105	12332	0.777	ug/l	99
86) p-Isopropyltoluene	13.29	119	9460	0.722	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	5233	1.012	ug/l	90
88) 1,4-Dichlorobenzene	13.36	146	5344	1.015	ug/l	92
89) n-Butylbenzene	13.62	91	9672	0.846	ug/l	96
90) Hexachloroethane	13.88	117	1400	0.601	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	5104	1.038	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	553	0.786	ug/l #	54
93) 1,2,4-Trichlorobenzene	14.91	180	2530	1.406	ug/l	96
94) Hexachlorobutadiene	15.01	225	1316	0.661	ug/l	91
95) Naphthalene	15.13	128	8110	1.718	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.29	180	2593	1.543	ug/l	97

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

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