

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010519\
 Data File : VN053285.D
 Acq On : 4 Jan 2019 17:15
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 10:23:54 AM

Quant Time: Jan 07 09:34:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:27:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	869725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1364571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1178167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	510387	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	7179	0.909	ug/l	98
3) Chloromethane	2.06	50	11309	1.081	ug/l	96
4) Vinyl Chloride	2.19	62	9926	0.971	ug/l	100
5) Bromomethane	2.57	94	7248	1.130	ug/l	97
6) Chloroethane	2.71	64	6882	1.159	ug/l	93
7) Trichlorofluoromethane	3.03	101	14145	1.097	ug/l	94
8) Diethyl Ether	3.41	74	5308	1.028	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.77	101	9029	1.113	ug/l #	87
12) 1,1-Dichloroethene	3.75	96	8452	1.053	ug/l	96
14) Allyl chloride	4.33	41	13676	1.089	ug/l	95
15) Acrylonitrile	4.99	53	15493	4.701	ug/l	96
16) Acetone	3.82	43	15475	7.034	ug/l	96
17) Carbon Disulfide	4.06	76	26496	1.083	ug/l	97
18) Methyl Acetate	4.33	43	10580	1.406	ug/l #	87
19) Methyl tert-butyl Ether	5.05	73	23479m	1.035	ug/l	
20) Methylene Chloride	4.56	84	11413m	1.236	ug/l	
21) trans-1,2-Dichloroethene	5.05	96	8862	1.029	ug/l	93
22) Diisopropyl ether	5.95	45	28674	1.019	ug/l	93
23) Vinyl Acetate	5.90	43	83948	4.640	ug/l	99
24) 1,1-Dichloroethane	5.85	63	16513	1.026	ug/l	96
25) 2-Butanone	6.84	43	19829	5.363	ug/l	90
26) 2,2-Dichloropropane	6.83	77	12440	1.070	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	9812	0.987	ug/l	88
28) Bromochloromethane	7.19	49	6185	0.865	ug/l #	94
29) Tetrahydrofuran	7.21	42	12961	5.259	ug/l	96
30) Chloroform	7.38	83	16738	1.062	ug/l	95
31) Cyclohexane	7.66	56	28462	1.876	ug/l #	19
32) 1,1,1-Trichloroethane	7.57	97	13667	1.037	ug/l #	51
36) 1,1-Dichloropropene	7.79	75	12795	1.013	ug/l	97
37) Ethyl Acetate	6.93	43	7801	0.929	ug/l #	96
38) Carbon Tetrachloride	7.77	117	11177	0.947	ug/l	98
39) Methylcyclohexane	9.08	83	14088	0.955	ug/l	98
40) Benzene	8.04	78	38669	0.996	ug/l	96
41) Methacrylonitrile	7.19	41	5052m	1.055	ug/l	

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

42) 1,2-Dichloroethane	8.13	62	11622	1.019	ug/l	97
43) Isopropyl Acetate	8.18	43	20629	1.359	ug/l #	78
44) Trichloroethene	8.84	130	11091	1.048	ug/l	98
45) 1,2-Dichloropropane	9.12	63	10030	0.985	ug/l	96
46) Dibromomethane	9.21	93	5809	0.968	ug/l	99
47) Bromodichloromethane	9.41	83	12341	0.997	ug/l	96
48) Methyl methacrylate	9.20	41	6997	0.921	ug/l	98
49) 1,4-Dioxane	9.19	88	1459	16.578	ug/l #	81
51) 4-Methyl-2-Pentanone	9.99	43	38625	4.578	ug/l	98
52) Toluene	10.16	92	22914	0.945	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	11628	0.893	ug/l	93
54) cis-1,3-Dichloropropene	9.84	75	13470	0.896	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	9038	1.038	ug/l	97
56) Ethyl methacrylate	10.43	69	9871	0.826	ug/l	92
57) 1,3-Dichloropropane	10.71	76	13852	0.941	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.69	63	26565	4.162	ug/l	96
59) 2-Hexanone	10.75	43	25653	4.388	ug/l	98
60) Dibromochloromethane	10.90	129	8632	0.887	ug/l	91
61) 1,2-Dibromoethane	11.01	107	8216	0.932	ug/l	97
64) Tetrachloroethene	10.63	164	11661	1.042	ug/l	96
65) Chlorobenzene	11.43	112	26462	1.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	8911	0.987	ug/l #	65
67) Ethyl Benzene	11.51	91	42472	0.959	ug/l	98
68) m/p-Xylenes	11.62	106	30198	1.789	ug/l	95
69) o-Xylene	11.95	106	15367	0.940	ug/l	98
70) Styrene	11.96	104	23533	0.868	ug/l	99
71) Bromoform	12.12	173	5684	0.871	ug/l #	100
73) Isopropylbenzene	12.25	105	37431	0.968	ug/l	97
74) N-amyl acetate	12.07	43	10531	0.892	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	9543	1.115	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	8532m	1.177	ug/l	
77) Bromobenzene	12.53	156	10183	1.007	ug/l	97
78) n-propylbenzene	12.59	91	41218	0.935	ug/l	99
79) 2-Chlorotoluene	12.68	91	25993	0.998	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	29029	0.932	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	2110	0.781	ug/l #	68
82) 4-Chlorotoluene	12.77	91	26412	0.989	ug/l	96
83) tert-Butylbenzene	12.99	119	27066	1.007	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	29515	0.930	ug/l	100
85) sec-Butylbenzene	13.17	105	33443	0.932	ug/l	96
86) p-Isopropyltoluene	13.29	119	27608	0.877	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	18621	1.052	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	18455m	1.056	ug/l	
89) n-Butylbenzene	13.62	91	24984	0.958	ug/l	97
90) Hexachloroethane	13.88	117	4498	0.896	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	17648	1.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1053	0.940	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	5129	0.922	ug/l	97
94) Hexachlorobutadiene	15.01	225	4540	1.030	ug/l	88
95) Naphthalene	15.13	128	8325	0.862	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	3564	0.996	ug/l	89

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

