

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051802.D
 Acq On : 11 Oct 2018 8:22
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 3:24:49 PM

Quant Time: Oct 12 09:51:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 12:23:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	875059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1270572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1053543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365391	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	4762	0.41	ug/l	94
3) Chloromethane	2.06	50	6417	0.44	ug/l	98
4) Vinyl Chloride	2.18	62	8672	0.63	ug/l	90
5) Bromomethane	2.57	94	8998	1.02	ug/l	89
6) Chloroethane	2.70	64	6843	0.87	ug/l #	82
7) Trichlorofluoromethane	3.01	101	12779	0.73	ug/l	97
8) Diethyl Ether	3.41	74	3420	0.57	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	7872	0.72	ug/l	94
12) 1,1-Dichloroethene	3.73	96	6340	0.65	ug/l	97
14) Allyl chloride	4.32	41	7216	0.47	ug/l #	65
15) Acrylonitrile	5.00	53	8332	2.44	ug/l #	60
16) Acetone	3.82	43	10025	3.52	ug/l	96
17) Carbon Disulfide	4.05	76	17249	0.52	ug/l #	94
18) Methyl Acetate	4.34	43	10637m	1.07	ug/l	
19) Methyl tert-butyl Ether	5.05	73	18640	0.75	ug/l	96
20) Methylene Chloride	4.55	84	8081	0.68	ug/l #	84
21) trans-1,2-Dichloroethene	5.04	96	7518m	0.71	ug/l	
22) Diisopropyl ether	5.95	45	17220	0.56	ug/l #	81
23) Vinyl Acetate	5.90	43	57183	2.91	ug/l	95
24) 1,1-Dichloroethane	5.84	63	12262	0.63	ug/l #	88
25) 2-Butanone	6.85	43	12278	2.89	ug/l	93
26) 2,2-Dichloropropane	6.82	77	12591	0.80	ug/l	99
27) cis-1,2-Dichloroethene	6.84	96	8206	0.72	ug/l #	69
28) Bromochloromethane	7.20	49	5255	0.63	ug/l #	85
29) Tetrahydrofuran	7.23	42	7895	3.24	ug/l #	80
30) Chloroform	7.37	83	14597	0.75	ug/l	89
31) Cyclohexane	7.66	56	25026m	1.29	ug/l	
32) 1,1,1-Trichloroethane	7.57	97	13168	0.79	ug/l #	38
36) 1,1-Dichloropropene	7.80	75	11232	0.75	ug/l	95
37) Ethyl Acetate	6.94	43	4552	0.53	ug/l #	69
38) Carbon Tetrachloride	7.77	117	10958	0.72	ug/l	94
39) Methylcyclohexane	9.08	83	12102	0.75	ug/l #	89
40) Benzene	8.04	78	27803	0.61	ug/l	94
41) Methacrylonitrile	7.17	41	2448m	0.53	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.13	62	8956	0.66	ug/l	97
43) Isopropyl Acetate	8.19	43	18601m	1.26	ug/l	
44) Trichloroethene	8.84	130	8021	0.67	ug/l	98
45) 1,2-Dichloropropane	9.11	63	6740	0.57	ug/l	98
46) Dibromomethane	9.21	93	4972	0.71	ug/l	99
47) Bromodichloromethane	9.40	83	9404	0.64	ug/l	90
48) Methyl methacrylate	9.20	41	4168	0.55	ug/l #	85
49) 1,4-Dioxane	9.20	88	985m	9.57	ug/l	
51) 4-Methyl-2-Pentanone	9.98	43	24104	2.73	ug/l	98
52) Toluene	10.16	92	17305	0.65	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	8842	0.61	ug/l #	73
54) cis-1,3-Dichloropropene	9.84	75	10187	0.61	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	7118	0.72	ug/l	91
56) Ethyl methacrylate	10.43	69	7220	0.64	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	11228	0.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	16474	3.42	ug/l	90
59) 2-Hexanone	10.75	43	16223	2.76	ug/l	96
60) Dibromochloromethane	10.90	129	6920	0.62	ug/l	94
61) 1,2-Dibromoethane	11.01	107	6157	0.64	ug/l	100
64) Tetrachloroethene	10.63	164	8208	0.82	ug/l	95
65) Chlorobenzene	11.43	112	21243	0.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	8025	0.80	ug/l #	59
67) Ethyl Benzene	11.51	91	33627	0.75	ug/l	96
68) m/p-Xylenes	11.62	106	25747	1.52	ug/l	100
69) o-Xylene	11.95	106	12338	0.76	ug/l	97
70) Styrene	11.96	104	17220	0.67	ug/l	99
71) Bromoform	12.13	173	4613	0.67	ug/l #	94
73) Isopropylbenzene	12.25	105	32712	1.08	ug/l	98
74) N-amyl acetate	12.07	43	5249	0.69	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.51	83	7324	0.90	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	7082m	1.11	ug/l	
77) Bromobenzene	12.53	156	7929	0.96	ug/l	90
78) n-propylbenzene	12.59	91	31755	0.94	ug/l	98
79) 2-Chlorotoluene	12.68	91	21118	1.00	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	25186	1.03	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	1380	0.73	ug/l	87
82) 4-Chlorotoluene	12.77	91	17282	0.83	ug/l	95
83) tert-Butylbenzene	12.99	119	24424	1.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	23613	0.96	ug/l	100
85) sec-Butylbenzene	13.17	105	30121	1.09	ug/l	97
86) p-Isopropyltoluene	13.29	119	24569	1.04	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	11676	0.84	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	10960	0.80	ug/l	85
89) n-Butylbenzene	13.62	91	15423	0.82	ug/l	96
90) Hexachloroethane	13.87	117	4867	1.00	ug/l	86
91) 1,2-Dichlorobenzene	13.66	146	10928	0.81	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	869	0.80	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	3064	0.52	ug/l	94
94) Hexachlorobutadiene	15.01	225	3893	0.89	ug/l	95
95) Naphthalene	15.13	128	7846	0.68	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	3465	0.61	ug/l	92

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

