

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049838.D
 Acq On : 17 Jul 2018 10:37
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 11:59:07 AM

Quant Time: Jul 17 12:55:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 12:26:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	513562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	825444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	705090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292832	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	7329	1.27	ug/l	100
3) Chloromethane	2.06	50	8835	1.17	ug/l	91
4) Vinyl Chloride	2.18	62	9235	1.16	ug/l	96
5) Bromomethane	2.56	94	7040	1.23	ug/l	96
6) Chloroethane	2.70	64	5954	1.22	ug/l	93
7) Trichlorofluoromethane	3.01	101	12912	1.25	ug/l	93
8) Diethyl Ether	3.41	74	4637	1.22	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	7822	1.23	ug/l	98
12) 1,1-Dichloroethene	3.73	96	6763	1.16	ug/l	91
14) Allyl chloride	4.32	41	10052	1.04	ug/l	97
15) Acrylonitrile	5.00	53	11375	4.20	ug/l	98
16) Acetone	3.83	43	13009m	5.85	ug/l	
17) Carbon Disulfide	4.04	76	22101	1.11	ug/l	100
18) Methyl Acetate	4.34	43	12848	1.59	ug/l	95
19) Methyl tert-butyl Ether	5.06	73	15085	0.89	ug/l	91
20) Methylene Chloride	4.54	84	9080	1.27	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	6461	1.00	ug/l	92
22) Diisopropyl ether	5.96	45	16083	0.87	ug/l #	87
23) Vinyl Acetate	5.90	43	58979	4.14	ug/l	97
24) 1,1-Dichloroethane	5.85	63	13002	1.12	ug/l	99
25) 2-Butanone	6.85	43	15012	4.43	ug/l	94
26) 2,2-Dichloropropane	6.83	77	9804	1.05	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	7266	1.04	ug/l	98
28) Bromochloromethane	7.20	49	5335	1.02	ug/l #	99
29) Tetrahydrofuran	7.22	42	9403	4.29	ug/l	90
30) Chloroform	7.37	83	13537	1.14	ug/l	99
31) Cyclohexane	7.66	56	17536	1.53	ug/l #	31
32) 1,1,1-Trichloroethane	7.57	97	10990	1.09	ug/l #	50
36) 1,1-Dichloropropene	7.79	75	9772	1.02	ug/l	96
37) Ethyl Acetate	6.94	43	6093	0.81	ug/l #	89
38) Carbon Tetrachloride	7.77	117	10642	1.08	ug/l	97
39) Methylcyclohexane	9.08	83	9547	0.95	ug/l	86
40) Benzene	8.04	78	28580	0.99	ug/l	96
41) Methacrylonitrile	7.18	41	3065m	0.85	ug/l	

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

42) 1,2-Dichloroethane	8.13	62	10743	1.13	ug/l	93
43) Isopropyl Acetate	8.17	43	9734	0.54	ug/l	98
44) Trichloroethene	8.83	130	7789	1.02	ug/l	97
45) 1,2-Dichloropropane	9.12	63	7897	1.06	ug/l	96
46) Dibromomethane	9.21	93	4863	0.98	ug/l	98
47) Bromodichloromethane	9.40	83	9792	1.00	ug/l #	91
48) Methyl methacrylate	9.20	41	5157	0.81	ug/l	89
49) 1,4-Dioxane	9.20	88	1585	15.18	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	28153	3.64	ug/l	95
52) Toluene	10.16	92	14695	0.85	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	7940	0.78	ug/l #	86
54) cis-1,3-Dichloropropene	9.84	75	9434	0.85	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	7389	1.06	ug/l	97
56) Ethyl methacrylate	10.43	69	6084	0.66	ug/l #	94
57) 1,3-Dichloropropane	10.71	76	11296	0.99	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	13087	3.04	ug/l	100
59) 2-Hexanone	10.76	43	18144	3.31	ug/l	89
60) Dibromochloromethane	10.90	129	7599	0.97	ug/l	99
61) 1,2-Dibromoethane	11.01	107	6478	0.93	ug/l	93
64) Tetrachloroethene	10.63	164	7154	1.10	ug/l	95
65) Chlorobenzene	11.44	112	19072	1.05	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	7262	1.07	ug/l #	65
67) Ethyl Benzene	11.52	91	25723	0.86	ug/l	94
68) m/p-Xylenes	11.63	106	18314	1.61	ug/l	99
69) o-Xylene	11.95	106	8358	0.77	ug/l	95
70) Styrene	11.97	104	12810	0.72	ug/l	98
71) Bromoform	12.13	173	5170	0.96	ug/l #	98
73) Isopropylbenzene	12.25	105	22401	0.96	ug/l	98
74) N-amyl acetate	12.08	43	7289	0.89	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.51	83	8543	1.13	ug/l	95
76) 1,2,3-Trichloropropane	12.56	75	7388m	1.17	ug/l	
77) Bromobenzene	12.53	156	6746	1.06	ug/l	88
78) n-propylbenzene	12.59	91	24103	0.91	ug/l	98
79) 2-Chlorotoluene	12.68	91	15710	0.96	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	15384	0.83	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	1679	0.84	ug/l	88
82) 4-Chlorotoluene	12.78	91	14740	0.89	ug/l	98
83) tert-Butylbenzene	12.99	119	13929	0.85	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	15118	0.80	ug/l	95
85) sec-Butylbenzene	13.17	105	18684	0.86	ug/l	98
86) p-Isopropyltoluene	13.29	119	14708	0.79	ug/l	96
87) 1,3-Dichlorobenzene	13.29	146	10858	0.97	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	10899m	0.95	ug/l	
89) n-Butylbenzene	13.62	91	12445	0.80	ug/l	97
90) Hexachloroethane	13.87	117	4953	1.26	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	12194	1.10	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1570	1.18	ug/l	72
93) 1,2,4-Trichlorobenzene	14.91	180	3674	0.65	ug/l	86
94) Hexachlorobutadiene	15.01	225	3957	1.15	ug/l	88
95) Naphthalene	15.14	128	7815	0.56	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	4466	0.75	ug/l	91

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

