

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051803.D
 Acq On : 11 Oct 2018 8:46
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 3:00:19 PM

Quant Time: Oct 11 12:37:18 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	843879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1238907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1087570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	417209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	43882	4.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.64%	
35) Dibromofluoromethane	7.59	113	38953	3.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.90%	
50) Toluene-d8	10.09	98	141877	3.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.70%	
62) 4-Bromofluorobenzene	12.40	95	44756	3.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.30%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	25601	2.27	ug/l	100
3) Chloromethane	2.06	50	32531	2.34	ug/l	96
4) Vinyl Chloride	2.18	62	47914	3.63	ug/l	99
5) Bromomethane	2.56	94	40950	4.82	ug/l	90
6) Chloroethane	2.70	64	34708	4.55	ug/l	97
7) Trichlorofluoromethane	3.01	101	67878	4.02	ug/l	93
8) Diethyl Ether	3.41	74	19400	3.38	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.77	101	35747m	3.39	ug/l	
10) Methyl Iodide	3.95	142	38188	4.56	ug/l	94
11) Tert butyl alcohol	4.80	59	15541	24.02	ug/l #	83
12) 1,1-Dichloroethene	3.73	96	32420	3.42	ug/l	93
13) Acrolein	3.62	56	16341	46.24	ug/l	97
14) Allyl chloride	4.33	41	43420	2.94	ug/l #	82
15) Acrylonitrile	5.00	53	50057	15.23	ug/l	98
16) Acetone	3.82	43	49410	18.00	ug/l	98
17) Carbon Disulfide	4.05	76	86377	2.72	ug/l	100
18) Methyl Acetate	4.33	43	30172	3.15	ug/l	92
19) Methyl tert-butyl Ether	5.04	73	101940m	4.28	ug/l	
20) Methylene Chloride	4.55	84	39569	3.46	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	37227	3.63	ug/l	87
22) Diisopropyl ether	5.96	45	90915	3.09	ug/l #	90
23) Vinyl Acetate	5.90	43	323642	17.07	ug/l #	94
24) 1,1-Dichloroethane	5.85	63	62518	3.31	ug/l	98
25) 2-Butanone	6.84	43	66202	16.17	ug/l	97
26) 2,2-Dichloropropane	6.82	77	61205	4.03	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	42290	3.83	ug/l	96
28) Bromochloromethane	7.20	49	25464	3.17	ug/l #	77
29) Tetrahydrofuran	7.22	42	35491	15.12	ug/l #	79
30) Chloroform	7.37	83	73316	3.92	ug/l	93
31) Cyclohexane	7.66	56	66920m	3.57	ug/l	
32) 1,1,1-Trichloroethane	7.57	97	67098	4.17	ug/l	97
36) 1,1-Dichloropropene	7.80	75	52672	3.60	ug/l	98
37) Ethyl Acetate	6.93	43	27320	3.25	ug/l #	79
38) Carbon Tetrachloride	7.78	117	59077	4.00	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	61809	3.91	ug/l	87
40) Benzene	8.04	78	151666	3.44	ug/l	95
41) Methacrylonitrile	7.18	41	12696	2.79	ug/l #	85
42) 1,2-Dichloroethane	8.13	62	52758	4.00	ug/l	99
43) Isopropyl Acetate	8.17	43	59760	4.14	ug/l	95
44) Trichloroethene	8.83	130	45805	3.94	ug/l	97
45) 1,2-Dichloropropane	9.12	63	36946	3.19	ug/l	96
46) Dibromomethane	9.21	93	26700	3.92	ug/l	99
47) Bromodichloromethane	9.40	83	53410	3.75	ug/l	99
48) Methyl methacrylate	9.20	41	23803	3.23	ug/l #	81
49) 1,4-Dioxane	9.21	88	7616m	75.92	ug/l	
51) 4-Methyl-2-Pentanone	9.99	43	134008	15.55	ug/l	99
52) Toluene	10.16	92	97236	3.72	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	51026	3.60	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	58449	3.60	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	35731	3.69	ug/l	97
56) Ethyl methacrylate	10.43	69	40938	3.72	ug/l #	94
57) 1,3-Dichloropropane	10.71	76	58347	3.65	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	90885	19.36	ug/l	90
59) 2-Hexanone	10.75	43	96951	16.90	ug/l	98
60) Dibromochloromethane	10.90	129	40255	3.71	ug/l	99
61) 1,2-Dibromoethane	11.01	107	36134	3.86	ug/l	98
64) Tetrachloroethene	10.63	164	45229	4.38	ug/l	94
65) Chlorobenzene	11.44	112	110051	3.87	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	40170	3.86	ug/l	99
67) Ethyl Benzene	11.51	91	181978	3.94	ug/l	96
68) m/p-Xylenes	11.62	106	144888	8.26	ug/l	97
69) o-Xylene	11.95	106	69997	4.15	ug/l	97
70) Styrene	11.97	104	102081	3.87	ug/l	98
71) Bromoform	12.13	173	25818	3.61	ug/l #	95
73) Isopropylbenzene	12.25	105	190220	5.51	ug/l	99
74) N-amyl acetate	12.07	43	35374	4.08	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	40775	4.38	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	33814m	4.63	ug/l	
77) Bromobenzene	12.53	156	44462	4.74	ug/l	92
78) n-propylbenzene	12.59	91	189698	4.92	ug/l	96
79) 2-Chlorotoluene	12.68	91	117547	4.89	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	149129	5.35	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	9713	4.49	ug/l	91
82) 4-Chlorotoluene	12.77	91	110280	4.65	ug/l	98
83) tert-Butylbenzene	12.99	119	141392	5.86	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	147357	5.26	ug/l	99
85) sec-Butylbenzene	13.17	105	180160	5.70	ug/l	99
86) p-Isopropyltoluene	13.29	119	151862	5.63	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	70395	4.42	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	69291	4.42	ug/l	95
89) n-Butylbenzene	13.62	91	105165	4.88	ug/l	98
90) Hexachloroethane	13.88	117	28747	5.15	ug/l	84
91) 1,2-Dichlorobenzene	13.65	146	70042	4.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5714	4.61	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	21317	3.19	ug/l	96
94) Hexachlorobutadiene	15.01	225	24187	4.83	ug/l	96
95) Naphthalene	15.14	128	45210	3.42	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	23633	3.63	ug/l	93

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

