

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052068.D
 Acq On : 31 Oct 2018 12:44
 Operator : MD\SY
 Sample : VN1031WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 1:11:08 PM

Quant Time: Oct 31 14:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	326131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	587743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	515741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	211876	40.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.96%	
35) Dibromofluoromethane	7.59	113	176256	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.09	98	667617	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.40	95	227764	42.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	78966	19.92	ug/l	97
3) Chloromethane	2.06	50	88752	17.76	ug/l	97
4) Vinyl Chloride	2.19	62	90865	16.90	ug/l	96
5) Bromomethane	2.58	94	61571	15.26	ug/l	94
6) Chloroethane	2.71	64	57388	16.53	ug/l	95
7) Trichlorofluoromethane	3.02	101	127491	20.76	ug/l	98
8) Diethyl Ether	3.42	74	41386	18.07	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.77	101	71109	19.63	ug/l	98
10) Methyl Iodide	3.96	142	86899	18.30	ug/l	100
11) Tert butyl alcohol	4.79	59	19784	75.49	ug/l #	76
12) 1,1-Dichloroethene	3.74	96	64523	18.86	ug/l	93
13) Acrolein	3.61	56	19569	91.14	ug/l	98
14) Allyl chloride	4.32	41	113922	16.64	ug/l	99
15) Acrylonitrile	4.99	53	123031	82.12	ug/l	99
16) Acetone	3.82	43	86523	77.45	ug/l	99
17) Carbon Disulfide	4.06	76	181185	16.81	ug/l	95
18) Methyl Acetate	4.33	43	57627	16.20	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	193051	17.18	ug/l	95
20) Methylene Chloride	4.56	84	76964	18.08	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	71599	18.35	ug/l	89
22) Diisopropyl ether	5.95	45	247650	16.73	ug/l	98
23) Vinyl Acetate	5.90	43	853051	83.19	ug/l	99
24) 1,1-Dichloroethane	5.85	63	140491	16.98	ug/l	98
25) 2-Butanone	6.84	43	148283	84.63	ug/l	98
26) 2,2-Dichloropropane	6.83	77	109591	16.67	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	84789	18.20	ug/l	94
28) Bromochloromethane	7.20	49	61116	14.90	ug/l	88
29) Tetrahydrofuran	7.21	42	94762	81.18	ug/l	97
30) Chloroform	7.37	83	143433	17.36	ug/l	97
31) Cyclohexane	7.66	56	133526	15.36	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	119959	18.06	ug/l	97
36) 1,1-Dichloropropene	7.80	75	109017	18.24	ug/l	98
37) Ethyl Acetate	6.93	43	64517	16.13	ug/l #	74
38) Carbon Tetrachloride	7.77	117	102309	19.85	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	126537	17.84	ug/l	98
40) Benzene	8.05	78	323883	18.74	ug/l	97
41) Methacrylonitrile	7.18	41	39000	18.98	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	105581	16.55	ug/l	98
43) Isopropyl Acetate	8.17	43	120333	16.91	ug/l	97
44) Trichloroethene	8.84	130	76359	19.75	ug/l	93
45) 1,2-Dichloropropane	9.12	63	84317	17.12	ug/l	95
46) Dibromomethane	9.21	93	53542	19.45	ug/l	95
47) Bromodichloromethane	9.40	83	106565	18.57	ug/l	97
48) Methyl methacrylate	9.20	41	60591	16.80	ug/l	96
49) 1,4-Dioxane	9.20	88	10785	372.71	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	333419	86.22	ug/l	100
52) Toluene	10.16	92	200038	19.17	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	101912	16.79	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	121385	18.01	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	71789	19.32	ug/l	90
56) Ethyl methacrylate	10.43	69	92504	17.40	ug/l	97
57) 1,3-Dichloropropane	10.71	76	123925	18.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	253989	89.82	ug/l	96
59) 2-Hexanone	10.75	43	226797	82.30	ug/l	99
60) Dibromochloromethane	10.90	129	71174	19.45	ug/l	98
61) 1,2-Dibromoethane	11.01	107	68809	18.62	ug/l	99
64) Tetrachloroethene	10.63	164	66330	21.23	ug/l	95
65) Chlorobenzene	11.43	112	218031	20.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	73752	21.62	ug/l	98
67) Ethyl Benzene	11.51	91	368132	19.00	ug/l	96
68) m/p-Xylenes	11.62	106	281757	40.64	ug/l	97
69) o-Xylene	11.95	106	133658	19.48	ug/l	100
70) Styrene	11.96	104	220746	19.88	ug/l	98
71) Bromoform	12.13	173	37862	18.70	ug/l #	97
73) Isopropylbenzene	12.25	105	358823	19.64	ug/l	98
74) N-amyl acetate	12.07	43	104652	16.42	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	83049	18.96	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	78230m	20.01	ug/l	
77) Bromobenzene	12.53	156	77166	20.19	ug/l	89
78) n-propylbenzene	12.59	91	413774	18.69	ug/l	98
79) 2-Chlorotoluene	12.67	91	239298	18.55	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	281410	18.93	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	19182	16.28	ug/l	94
82) 4-Chlorotoluene	12.77	91	246191	18.71	ug/l	96
83) tert-Butylbenzene	12.99	119	240412	19.25	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	294551	19.91	ug/l	99
85) sec-Butylbenzene	13.17	105	339909	19.06	ug/l	97
86) p-Isopropyltoluene	13.29	119	277290	19.09	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	135957	19.51	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	134234	19.22	ug/l	99
89) n-Butylbenzene	13.61	91	242218	17.48	ug/l	98
90) Hexachloroethane	13.87	117	45409	18.24	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	129389	19.75	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11272	18.45	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47812	19.59	ug/l	98
94) Hexachlorobutadiene	15.01	225	27542	20.17	ug/l	96
95) Naphthalene	15.13	128	123930	20.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	42538	20.20	ug/l	97

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

