

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052070.D
 Acq On : 31 Oct 2018 13:38
 Operator : MD\SY
 Sample : VN1031WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 1:11:12 PM

Quant Time: Oct 31 14:46:12 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	328335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	600847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217157	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	211477	40.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.28%	
35) Dibromofluoromethane	7.59	113	179111	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	10.09	98	690590	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.40	95	227822	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	80709	20.22	ug/l	97
3) Chloromethane	2.06	50	92277	18.35	ug/l	99
4) Vinyl Chloride	2.19	62	93307	17.24	ug/l	98
5) Bromomethane	2.57	94	60840	14.98	ug/l	90
6) Chloroethane	2.71	64	56481	16.16	ug/l	94
7) Trichlorofluoromethane	3.03	101	126410	20.45	ug/l	95
8) Diethyl Ether	3.41	74	40735	17.66	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	72872	19.98	ug/l	97
10) Methyl Iodide	3.96	142	92811	19.42	ug/l	99
11) Tert butyl alcohol	4.78	59	17567	66.58	ug/l #	93
12) 1,1-Dichloroethene	3.74	96	64861	18.83	ug/l	89
13) Acrolein	3.61	56	21450	97.10	ug/l	96
14) Allyl chloride	4.33	41	115988	16.83	ug/l	99
15) Acrylonitrile	4.99	53	119455	79.20	ug/l	98
16) Acetone	3.82	43	78326	69.64	ug/l	100
17) Carbon Disulfide	4.06	76	184850	17.03	ug/l	98
18) Methyl Acetate	4.33	43	56590	15.81	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	190893	16.87	ug/l	96
20) Methylene Chloride	4.56	84	79067	18.45	ug/l	92
21) trans-1,2-Dichloroethene	5.05	96	72552	18.47	ug/l	93
22) Diisopropyl ether	5.95	45	254864	17.11	ug/l	98
23) Vinyl Acetate	5.90	43	846646	82.01	ug/l	96
24) 1,1-Dichloroethane	5.86	63	145200	17.43	ug/l	97
25) 2-Butanone	6.84	43	132105	74.89	ug/l	95
26) 2,2-Dichloropropane	6.82	77	109080	16.49	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	84478	18.01	ug/l	95
28) Bromochloromethane	7.20	49	64604	15.65	ug/l #	90
29) Tetrahydrofuran	7.21	42	84701	72.07	ug/l	92
30) Chloroform	7.37	83	149002	17.92	ug/l	98
31) Cyclohexane	7.66	56	139529	16.07	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	124347	18.59	ug/l	97
36) 1,1-Dichloropropene	7.79	75	109589	17.94	ug/l	96
37) Ethyl Acetate	6.93	43	60019	14.68	ug/l #	73
38) Carbon Tetrachloride	7.78	117	105984	20.12	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	130995	18.07	ug/l	95
40) Benzene	8.04	78	330407	18.70	ug/l	96
41) Methacrylonitrile	7.18	41	40583	19.32	ug/l	91
42) 1,2-Dichloroethane	8.13	62	106398	16.32	ug/l	97
43) Isopropyl Acetate	8.16	43	115793	15.92	ug/l	99
44) Trichloroethene	8.84	130	78175	19.78	ug/l	94
45) 1,2-Dichloropropane	9.12	63	86720	17.23	ug/l	99
46) Dibromomethane	9.21	93	52254	18.57	ug/l	93
47) Bromodichloromethane	9.40	83	106085	18.08	ug/l	94
48) Methyl methacrylate	9.20	41	59835	16.23	ug/l	99
49) 1,4-Dioxane	9.20	88	8915	306.16	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	316969	80.18	ug/l	100
52) Toluene	10.16	92	201512	18.89	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	103090	16.62	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	119373	17.33	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	69788	18.37	ug/l	97
56) Ethyl methacrylate	10.43	69	89851	16.53	ug/l	95
57) 1,3-Dichloropropane	10.71	76	120075	17.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	247593	85.65	ug/l	95
59) 2-Hexanone	10.75	43	204779	72.69	ug/l	99
60) Dibromochloromethane	10.90	129	71040	18.99	ug/l	99
61) 1,2-Dibromoethane	11.01	107	70477	18.66	ug/l	100
64) Tetrachloroethene	10.63	164	67332	20.80	ug/l	98
65) Chlorobenzene	11.43	112	217743	19.34	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	72471	20.50	ug/l	98
67) Ethyl Benzene	11.51	91	379714	18.92	ug/l	98
68) m/p-Xylenes	11.62	106	289212	40.25	ug/l	96
69) o-Xylene	11.95	106	143511	20.18	ug/l	93
70) Styrene	11.96	104	221567	19.26	ug/l	98
71) Bromoform	12.13	173	36225	17.43	ug/l #	96
73) Isopropylbenzene	12.25	105	364247	19.61	ug/l	96
74) N-amyl acetate	12.07	43	100833	15.56	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	81560	18.32	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	76598m	19.27	ug/l	
77) Bromobenzene	12.53	156	80784	20.79	ug/l	86
78) n-propylbenzene	12.59	91	421110	18.71	ug/l	99
79) 2-Chlorotoluene	12.67	91	242352	18.48	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	300799	19.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18783	15.68	ug/l	98
82) 4-Chlorotoluene	12.77	91	249278	18.64	ug/l	95
83) tert-Butylbenzene	12.99	119	248036	19.54	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	293647	19.52	ug/l	98
85) sec-Butylbenzene	13.17	105	343163	18.92	ug/l	97
86) p-Isopropyltoluene	13.29	119	289014	19.57	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	139811	19.73	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	135135	19.03	ug/l	98
89) n-Butylbenzene	13.61	91	246841	17.53	ug/l	99
90) Hexachloroethane	13.88	117	46054	18.20	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	136612	20.51	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11073	17.85	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50864	20.50	ug/l	94
94) Hexachlorobutadiene	15.01	225	28358	20.42	ug/l	97
95) Naphthalene	15.13	128	111151	17.86	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	43842	20.48	ug/l	98

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

