

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051918.D
 Acq On : 18 Oct 2018 16:01
 Operator : MD\SY
 Sample : VN1018WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 4:37:57 PM

Quant Time: Oct 19 07:10:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	984236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1464028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1301713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	567346	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	444515	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.59	113	449088	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	10.09	98	1614624	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.40	95	513001	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	110810	18.61	ug/l	98
3) Chloromethane	2.06	50	116422	20.01	ug/l	97
4) Vinyl Chloride	2.18	62	177811	20.23	ug/l	100
5) Bromomethane	2.57	94	168639	22.32	ug/l	97
6) Chloroethane	2.70	64	135003	21.17	ug/l	100
7) Trichlorofluoromethane	3.01	101	283468	20.93	ug/l	100
8) Diethyl Ether	3.41	74	83116	20.95	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	159313	20.50	ug/l	100
10) Methyl Iodide	3.95	142	186222	20.29	ug/l	100
11) Tert butyl alcohol	4.79	59	50971	95.60	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	144762	20.44	ug/l	97
13) Acrolein	3.61	56	32193	70.72	ug/l	98
14) Allyl chloride	4.33	41	158829	20.70	ug/l	99
15) Acrylonitrile	4.99	53	197425	101.41	ug/l	99
16) Acetone	3.82	43	139920	86.60	ug/l	100
17) Carbon Disulfide	4.05	76	316087	17.90	ug/l	98
18) Methyl Acetate	4.33	43	97783	18.60	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	415863	20.37	ug/l	97
20) Methylene Chloride	4.55	84	169435	20.63	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	161999	19.90	ug/l	98
22) Diisopropyl ether	5.96	45	367873	20.57	ug/l	97
23) Vinyl Acetate	5.90	43	1236989	100.49	ug/l	100
24) 1,1-Dichloroethane	5.85	63	270074	20.86	ug/l	99
25) 2-Butanone	6.84	43	221177	95.78	ug/l	97
26) 2,2-Dichloropropane	6.82	77	233177	19.04	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	196709	20.79	ug/l	98
28) Bromochloromethane	7.19	49	109583	20.84	ug/l	98
29) Tetrahydrofuran	7.22	42	139531	98.93	ug/l	100
30) Chloroform	7.37	83	320372	20.68	ug/l	98
31) Cyclohexane	7.65	56	220723	19.35	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	297891	20.62	ug/l	99
36) 1,1-Dichloropropene	7.80	75	219709	19.34	ug/l	100
37) Ethyl Acetate	6.94	43	93574	17.03	ug/l	98
38) Carbon Tetrachloride	7.78	117	258830	19.34	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	269857	19.18	ug/l	99
40) Benzene	8.04	78	680221	20.49	ug/l	99
41) Methacrylonitrile	7.18	41	48440	18.77	ug/l	89
42) 1,2-Dichloroethane	8.13	62	215284	20.24	ug/l	100
43) Isopropyl Acetate	8.17	43	200732	18.59	ug/l #	88
44) Trichloroethene	8.84	130	209944	20.15	ug/l	99
45) 1,2-Dichloropropane	9.12	63	159565	20.79	ug/l	98
46) Dibromomethane	9.21	93	120156	20.54	ug/l	97
47) Bromodichloromethane	9.40	83	241375	20.58	ug/l	98
48) Methyl methacrylate	9.20	41	89179	19.44	ug/l	98
49) 1,4-Dioxane	9.20	88	33184	380.88	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	535080	101.16	ug/l	99
52) Toluene	10.16	92	457839	20.62	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	215189	19.36	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	247052	19.94	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	167063	20.53	ug/l	99
56) Ethyl methacrylate	10.43	69	179452	19.73	ug/l	99
57) 1,3-Dichloropropane	10.71	76	254686	20.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	363451	88.59	ug/l	98
59) 2-Hexanone	10.75	43	327636	92.37	ug/l	99
60) Dibromochloromethane	10.90	129	191194	18.86	ug/l	100
61) 1,2-Dibromoethane	11.00	107	170917	20.03	ug/l	100
64) Tetrachloroethene	10.63	164	207061	19.82	ug/l	99
65) Chlorobenzene	11.43	112	522139	20.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	194323	20.06	ug/l	98
67) Ethyl Benzene	11.51	91	855668	20.07	ug/l	100
68) m/p-Xylenes	11.62	106	684604	39.99	ug/l	99
69) o-Xylene	11.95	106	334594	20.06	ug/l	95
70) Styrene	11.97	104	507459	19.77	ug/l	99
71) Bromoform	12.13	173	114641	17.95	ug/l #	98
73) Isopropylbenzene	12.25	105	905389	20.61	ug/l	100
74) N-amyl acetate	12.07	43	144059	19.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	182475	20.56	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	144984m	21.03	ug/l	
77) Bromobenzene	12.53	156	224794	20.11	ug/l	97
78) n-propylbenzene	12.59	91	936037	20.47	ug/l	99
79) 2-Chlorotoluene	12.67	91	567544	21.92	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	734207	20.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35710	17.17	ug/l	92
82) 4-Chlorotoluene	12.77	91	545038	20.40	ug/l	100
83) tert-Butylbenzene	12.99	119	680312	20.39	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	738337	21.15	ug/l	98
85) sec-Butylbenzene	13.17	105	876764	20.67	ug/l	98
86) p-Isopropyltoluene	13.29	119	773944	21.06	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	372815	19.79	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	360223	19.46	ug/l	97
89) n-Butylbenzene	13.62	91	544189	20.41	ug/l	99
90) Hexachloroethane	13.88	117	123977	20.17	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	374213	20.51	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23951	20.14	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	133557	17.40	ug/l	98
94) Hexachlorobutadiene	15.01	225	116279	20.13	ug/l	99
95) Naphthalene	15.13	128	258422	16.84	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	144891	18.34	ug/l	99

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

