

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052978.D
 Acq On : 18 Dec 2018 23:45
 Operator : MD\SY
 Sample : VN1218WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:07:43 PM

Quant Time: Dec 19 04:57:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1053484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1645088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1452262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	678052	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	574213	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	7.59	113	413188	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
50) Toluene-d8	10.09	98	2080362	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	725916	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	210390	19.733	ug/l 99
3) Chloromethane	2.06	50	264141	20.444	ug/l 99
4) Vinyl Chloride	2.19	62	266896	20.397	ug/l 100
5) Bromomethane	2.58	94	173504	19.138	ug/l 100
6) Chloroethane	2.71	64	156574	20.204	ug/l 99
7) Trichlorofluoromethane	3.02	101	332337	20.388	ug/l 99
8) Diethyl Ether	3.41	74	128453	20.888	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	204213	19.649	ug/l 97
10) Methyl Iodide	3.96	142	299148	20.496	ug/l 99
11) Tert butyl alcohol	4.78	59	71801	110.071	ug/l 99
12) 1,1-Dichloroethene	3.74	96	207120	20.627	ug/l 97
13) Acrolein	3.61	56	71331	120.597	ug/l 99
14) Allyl chloride	4.33	41	308328	19.824	ug/l 99
15) Acrylonitrile	4.99	53	378480	104.439	ug/l 99
16) Acetone	3.82	43	239473	114.245	ug/l 97
17) Carbon Disulfide	4.06	76	607375	18.548	ug/l 99
18) Methyl Acetate	4.33	43	192266	20.800	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	571333	21.262	ug/l 99
20) Methylene Chloride	4.55	84	233501	20.421	ug/l 97
21) trans-1,2-Dichloroethene	5.05	96	219324	20.330	ug/l 97
22) Diisopropyl ether	5.95	45	696292	20.973	ug/l 99
23) Vinyl Acetate	5.90	43	2043598	107.049	ug/l 98
24) 1,1-Dichloroethane	5.85	63	408962	20.730	ug/l 99
25) 2-Butanone	6.84	43	396119	112.603	ug/l 98
26) 2,2-Dichloropropane	6.83	77	254239	16.882	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	250593	20.518	ug/l 97
28) Bromochloromethane	7.20	49	184698	21.606	ug/l 96
29) Tetrahydrofuran	7.21	42	286820	109.166	ug/l 99
30) Chloroform	7.37	83	397787	20.526	ug/l 99
31) Cyclohexane	7.66	56	383554	20.102	ug/l 95
32) 1,1,1-Trichloroethane	7.57	97	334733	20.276	ug/l 100
36) 1,1-Dichloropropene	7.79	75	307474	19.473	ug/l 99
37) Ethyl Acetate	6.93	43	186957	21.210	ug/l 99
38) Carbon Tetrachloride	7.78	117	284709	19.672	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	362944	18.921	ug/l	95
40) Benzene	8.04	78	940692	20.029	ug/l	98
41) Methacrylonitrile	7.18	41	117553	23.081	ug/l	92
42) 1,2-Dichloroethane	8.12	62	280703	20.231	ug/l	98
43) Isopropyl Acetate	8.17	43	362984	20.666	ug/l	100
44) Trichloroethene	8.84	130	264037	19.436	ug/l	98
45) 1,2-Dichloropropane	9.12	63	248891	20.345	ug/l	99
46) Dibromomethane	9.21	93	143423	20.125	ug/l	98
47) Bromodichloromethane	9.40	83	300850	19.860	ug/l	99
48) Methyl methacrylate	9.20	41	175371	20.503	ug/l	99
49) 1,4-Dioxane	9.20	88	42915	396.630	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	918884	107.643	ug/l	99
52) Toluene	10.16	92	580751	19.949	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	301658	18.937	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	351282	19.212	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	206834	20.366	ug/l	99
56) Ethyl methacrylate	10.43	69	280046	20.833	ug/l	98
57) 1,3-Dichloropropane	10.71	76	353794	20.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	785901	106.492	ug/l	98
59) 2-Hexanone	10.75	43	623872	108.019	ug/l	99
60) Dibromochloromethane	10.90	129	226997	19.526	ug/l	99
61) 1,2-Dibromoethane	11.01	107	209757	20.336	ug/l	100
64) Tetrachloroethene	10.63	164	300192	19.083	ug/l	99
65) Chlorobenzene	11.43	112	642791	19.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	220717	19.716	ug/l	99
67) Ethyl Benzene	11.51	91	1107678	20.008	ug/l	100
68) m/p-Xylenes	11.62	106	838929	39.861	ug/l	100
69) o-Xylene	11.95	106	414648	20.531	ug/l	100
70) Styrene	11.96	104	671677	20.396	ug/l	100
71) Bromoform	12.13	173	154943	19.159	ug/l #	100
73) Isopropylbenzene	12.25	105	1082441	20.404	ug/l	99
74) N-amyl acetate	12.07	43	313498	21.284	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	226300	21.743	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	211346m	18.516	ug/l	
77) Bromobenzene	12.53	156	277693	20.137	ug/l	99
78) n-propylbenzene	12.59	91	1215780	20.122	ug/l	99
79) 2-Chlorotoluene	12.68	91	727868	19.435	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	871553	20.155	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66596	18.805	ug/l	98
82) 4-Chlorotoluene	12.77	91	736237	20.082	ug/l	99
83) tert-Butylbenzene	12.99	119	766106	20.032	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	880383	20.253	ug/l	99
85) sec-Butylbenzene	13.17	105	1014561	19.613	ug/l	100
86) p-Isopropyltoluene	13.29	119	870981	19.486	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	483183	19.797	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	473864	19.172	ug/l	99
89) n-Butylbenzene	13.62	91	699254	18.184	ug/l	100
90) Hexachloroethane	13.88	117	126218	18.401	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	465227	20.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35975	19.991	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	236600	19.805	ug/l	99
94) Hexachlorobutadiene	15.01	225	138149	20.213	ug/l	98
95) Naphthalene	15.13	128	519490	20.186	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	215159	19.941	ug/l	99

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

