

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052781.D
 Acq On : 11 Dec 2018 4:58
 Operator : MD\SY
 Sample : VN1210WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD03

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:47:05 PM

Quant Time: Dec 11 06:20:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	952106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1505889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1323449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	618501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	527890	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.59	113	418186	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
50) Toluene-d8	10.09	98	1788559	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.40	95	618745	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	133490	14.974	ug/l	97
3) Chloromethane	2.06	50	186826	15.876	ug/l	100
4) Vinyl Chloride	2.19	62	196631	16.266	ug/l	99
5) Bromomethane	2.58	94	111871	14.832	ug/l	99
6) Chloroethane	2.71	64	124452	16.996	ug/l	98
7) Trichlorofluoromethane	3.03	101	266127	17.922	ug/l	99
8) Diethyl Ether	3.41	74	103747	18.920	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	161719	17.454	ug/l	98
10) Methyl Iodide	3.96	142	201352	16.316	ug/l	100
11) Tert butyl alcohol	4.78	59	56168	108.226	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	157602	17.671	ug/l	97
13) Acrolein	3.61	56	30053	33.318	ug/l	97
14) Allyl chloride	4.33	41	262141	17.054	ug/l	98
15) Acrylonitrile	4.99	53	320143	97.449	ug/l	99
16) Acetone	3.82	43	210106	76.840	ug/l	98
17) Carbon Disulfide	4.06	76	403586	14.379	ug/l	99
18) Methyl Acetate	4.33	43	168931	21.538	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	475924	20.056	ug/l	100
20) Methylene Chloride	4.56	84	195569	18.277	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	171969	18.054	ug/l	96
22) Diisopropyl ether	5.95	45	613315	18.995	ug/l	99
23) Vinyl Acetate	5.90	43	1762181	87.623	ug/l	98
24) 1,1-Dichloroethane	5.85	63	345561	18.744	ug/l	98
25) 2-Butanone	6.83	43	355909	91.833	ug/l	98
26) 2,2-Dichloropropane	6.83	77	181497	14.223	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	205653	18.534	ug/l	98
28) Bromochloromethane	7.20	49	162191	19.262	ug/l	95
29) Tetrahydrofuran	7.21	42	238610	95.453	ug/l	98
30) Chloroform	7.37	83	344963	18.755	ug/l	99
31) Cyclohexane	7.66	56	297554	16.430	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	279728	19.195	ug/l	99
36) 1,1-Dichloropropene	7.79	75	250730	17.632	ug/l	98
37) Ethyl Acetate	6.93	43	162204	18.690	ug/l	99
38) Carbon Tetrachloride	7.78	117	241690	18.774	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	278281	16.100	ug/l	99
40) Benzene	8.04	78	779534	18.394	ug/l	99
41) Methacrylonitrile	7.17	41	83170	17.529	ug/l #	89
42) 1,2-Dichloroethane	8.13	62	243587	18.983	ug/l	100
43) Isopropyl Acetate	8.17	43	346853	23.616	ug/l	92
44) Trichloroethene	8.84	130	208984	19.251	ug/l	99
45) 1,2-Dichloropropane	9.12	63	212747	18.882	ug/l	98
46) Dibromomethane	9.21	93	119643	19.182	ug/l	96
47) Bromodichloromethane	9.40	83	258595	19.069	ug/l	98
48) Methyl methacrylate	9.20	41	148701	19.417	ug/l	98
49) 1,4-Dioxane	9.20	88	33648	423.357	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	830157	100.742	ug/l	99
52) Toluene	10.16	92	475940	18.902	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	239419	18.352	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	287337	18.379	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	178578	20.162	ug/l	98
56) Ethyl methacrylate	10.43	69	227258	20.176	ug/l	98
57) 1,3-Dichloropropane	10.71	76	303090	19.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	647634	100.769	ug/l	99
59) 2-Hexanone	10.75	43	548700	99.212	ug/l	99
60) Dibromochloromethane	10.90	129	190016	19.753	ug/l	99
61) 1,2-Dibromoethane	11.01	107	170959	19.434	ug/l	100
64) Tetrachloroethene	10.63	164	226779	22.101	ug/l	97
65) Chlorobenzene	11.43	112	527916	19.345	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	189253	19.945	ug/l	99
67) Ethyl Benzene	11.51	91	908051	19.001	ug/l	100
68) m/p-Xylenes	11.62	106	679889	38.216	ug/l	100
69) o-Xylene	11.95	106	340700	19.721	ug/l	99
70) Styrene	11.96	104	548286	19.926	ug/l	99
71) Bromoform	12.13	173	126202	20.087	ug/l #	100
73) Isopropylbenzene	12.25	105	903743	18.624	ug/l	100
74) N-amyl acetate	12.07	43	253321	20.663	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	201921	18.292	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	189020m	19.818	ug/l	
77) Bromobenzene	12.53	156	229792	19.159	ug/l	97
78) n-propylbenzene	12.59	91	1008914	18.302	ug/l	99
79) 2-Chlorotoluene	12.68	91	602404	18.350	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	727667	18.802	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	47177	16.519	ug/l	99
82) 4-Chlorotoluene	12.77	91	614900	18.585	ug/l	99
83) tert-Butylbenzene	12.99	119	651913	18.895	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	730317	18.830	ug/l	99
85) sec-Butylbenzene	13.17	105	865499	18.418	ug/l	99
86) p-Isopropyltoluene	13.29	119	743942	18.587	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	399973	19.064	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	397519	19.236	ug/l	99
89) n-Butylbenzene	13.62	91	604245	18.153	ug/l	100
90) Hexachloroethane	13.88	117	119890	17.690	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	393945	19.654	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31143	19.726	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	200319	20.040	ug/l	99
94) Hexachlorobutadiene	15.01	225	116356	18.044	ug/l	99
95) Naphthalene	15.13	128	431544	20.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	188077	20.340	ug/l	100

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

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