

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052977.D
 Acq On : 18 Dec 2018 23:18
 Operator : MD\SY
 Sample : VN1218WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:07:38 PM

Quant Time: Dec 19 04:56:06 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	1157444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1809295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1560783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	656519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	657653	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	
35) Dibromofluoromethane	7.59	113	446445	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
50) Toluene-d8	10.09	98	2310589	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.40	95	746975	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	229163	19.563	ug/l	99
3) Chloromethane	2.06	50	269495	18.985	ug/l	100
4) Vinyl Chloride	2.19	62	295983	20.588	ug/l	100
5) Bromomethane	2.58	94	189246	19.000	ug/l	99
6) Chloroethane	2.71	64	175344	20.594	ug/l	99
7) Trichlorofluoromethane	3.03	101	370555	20.691	ug/l	99
8) Diethyl Ether	3.41	74	144738	21.422	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	227614	19.933	ug/l	98
10) Methyl Iodide	3.96	142	323176	20.153	ug/l	99
11) Tert butyl alcohol	4.78	59	77193	107.708	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	227435	20.616	ug/l	98
13) Acrolein	3.61	56	84019	129.290	ug/l	98
14) Allyl chloride	4.33	41	364515	21.331	ug/l	95
15) Acrylonitrile	4.99	53	419052	105.248	ug/l	99
16) Acetone	3.82	43	264926	115.035	ug/l	98
17) Carbon Disulfide	4.06	76	672152	18.682	ug/l	100
18) Methyl Acetate	4.33	43	211127	20.790	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	638237	21.619	ug/l	99
20) Methylene Chloride	4.56	84	257100	20.466	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	241209	20.350	ug/l	99
22) Diisopropyl ether	5.95	45	782113	21.442	ug/l	99
23) Vinyl Acetate	5.90	43	2248482	107.202	ug/l	99
24) 1,1-Dichloroethane	5.85	63	454189	20.955	ug/l	100
25) 2-Butanone	6.84	43	440859	114.065	ug/l	99
26) 2,2-Dichloropropane	6.83	77	283329	17.124	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	279658	20.841	ug/l	97
28) Bromochloromethane	7.20	49	213581	22.741	ug/l	96
29) Tetrahydrofuran	7.21	42	316998	109.816	ug/l	98
30) Chloroform	7.37	83	441885	20.754	ug/l	99
31) Cyclohexane	7.66	56	430504	20.559	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	369688	20.382	ug/l	100
36) 1,1-Dichloropropene	7.80	75	342461	19.720	ug/l	99
37) Ethyl Acetate	6.93	43	216224	22.304	ug/l	99
38) Carbon Tetrachloride	7.78	117	317392	19.940	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	398864	18.907	ug/l	98
40) Benzene	8.04	78	1055241	20.429	ug/l	100
41) Methacrylonitrile	7.18	41	118850	21.218	ug/l	96
42) 1,2-Dichloroethane	8.13	62	312699	20.492	ug/l	99
43) Isopropyl Acetate	8.17	43	405415	21.004	ug/l	99
44) Trichloroethene	8.84	130	292386	19.570	ug/l	100
45) 1,2-Dichloropropane	9.12	63	277858	20.651	ug/l	100
46) Dibromomethane	9.21	93	159690	20.374	ug/l	99
47) Bromodichloromethane	9.40	83	332760	19.973	ug/l	99
48) Methyl methacrylate	9.20	41	196865	20.927	ug/l	99
49) 1,4-Dioxane	9.20	88	44556	374.423	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1027708	109.465	ug/l	99
52) Toluene	10.16	92	638507	19.943	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	330116	18.843	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	391109	19.449	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	228173	20.428	ug/l	98
56) Ethyl methacrylate	10.43	69	303406	20.522	ug/l	99
57) 1,3-Dichloropropane	10.71	76	393811	20.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	851428	104.900	ug/l	98
59) 2-Hexanone	10.75	43	669572	105.410	ug/l	98
60) Dibromochloromethane	10.90	129	248741	19.454	ug/l	100
61) 1,2-Dibromoethane	11.01	107	226325	19.951	ug/l	98
64) Tetrachloroethene	10.63	164	333348	19.717	ug/l	98
65) Chlorobenzene	11.44	112	680016	19.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	245087	20.371	ug/l	99
67) Ethyl Benzene	11.51	91	1179366	19.821	ug/l	100
68) m/p-Xylenes	11.62	106	883068	39.041	ug/l	99
69) o-Xylene	11.95	106	433748	19.984	ug/l	99
70) Styrene	11.96	104	693300	19.589	ug/l	100
71) Bromoform	12.13	173	163757	18.841	ug/l #	100
73) Isopropylbenzene	12.25	105	1136196	22.119	ug/l	100
74) N-amyl acetate	12.07	43	326571	22.899	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	234466	23.267	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	220220m	19.926	ug/l	
77) Bromobenzene	12.53	156	284833	21.332	ug/l	99
78) n-propylbenzene	12.59	91	1240342	21.202	ug/l	99
79) 2-Chlorotoluene	12.68	91	736325	20.305	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	872340	20.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	67682	19.739	ug/l	98
82) 4-Chlorotoluene	12.77	91	734833	20.701	ug/l	99
83) tert-Butylbenzene	12.99	119	777763	21.004	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	872564	20.731	ug/l	99
85) sec-Butylbenzene	13.17	105	1018710	20.340	ug/l	100
86) p-Isopropyltoluene	13.29	119	867355	20.042	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	463324	19.606	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	457181	19.103	ug/l	99
89) n-Butylbenzene	13.62	91	679678	18.255	ug/l	100
90) Hexachloroethane	13.88	117	125935	18.962	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	445042	20.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35120	20.156	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	222318	19.238	ug/l	100
94) Hexachlorobutadiene	15.01	225	126691	18.983	ug/l	99
95) Naphthalene	15.13	128	490281	19.705	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	205346	19.663	ug/l	99

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

