

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110818\
 Data File : VN052217.D
 Acq On : 8 Nov 2018 12:08
 Operator : MD\SY
 Sample : VN1108WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 11:49:04 AM

Quant Time: Nov 08 13:08:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	369967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	619923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	559569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	247897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	225838	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.59	113	195381	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.09	98	759128	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.40	95	248662	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	62960	19.516	ug/l	98
3) Chloromethane	2.06	50	81813	18.789	ug/l	100
4) Vinyl Chloride	2.19	62	83921	20.122	ug/l	98
5) Bromomethane	2.57	94	57816	18.543	ug/l	94
6) Chloroethane	2.71	64	52290	19.609	ug/l	97
7) Trichlorofluoromethane	3.02	101	121538	20.062	ug/l	99
8) Diethyl Ether	3.41	74	41394	19.558	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	73063	20.182	ug/l	99
10) Methyl Iodide	3.95	142	95830	18.749	ug/l	99
11) Tert butyl alcohol	4.78	59	22884	119.993	ug/l #	79
12) 1,1-Dichloroethene	3.74	96	66563	19.530	ug/l	89
13) Acrolein	3.61	56	12366	88.212	ug/l	99
14) Allyl chloride	4.32	41	107423	18.885	ug/l	95
15) Acrylonitrile	4.99	53	131787	105.555	ug/l	98
16) Acetone	3.82	43	105857	106.503	ug/l	95
17) Carbon Disulfide	4.06	76	178554	18.359	ug/l	97
18) Methyl Acetate	4.33	43	64720	20.491	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	190548	20.315	ug/l	100
20) Methylene Chloride	4.56	84	78776	19.075	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	72144	19.093	ug/l	95
22) Diisopropyl ether	5.95	45	255110	20.444	ug/l	92
23) Vinyl Acetate	5.90	43	863337	104.668	ug/l	97
24) 1,1-Dichloroethane	5.85	63	143551	20.248	ug/l	99
25) 2-Butanone	6.83	43	164515	106.743	ug/l	97
26) 2,2-Dichloropropane	6.82	77	113160	20.395	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	87433	20.335	ug/l	97
28) Bromochloromethane	7.20	49	65277	19.461	ug/l	99
29) Tetrahydrofuran	7.21	42	98823	103.632	ug/l	96
30) Chloroform	7.37	83	142413	20.159	ug/l	99
31) Cyclohexane	7.66	56	137550	19.783	ug/l #	94
32) 1,1,1-Trichloroethane	7.57	97	122788	19.730	ug/l	98
36) 1,1-Dichloropropene	7.79	75	112611	20.534	ug/l	98
37) Ethyl Acetate	6.93	43	68949	20.372	ug/l #	88
38) Carbon Tetrachloride	7.77	117	108053	19.708	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	134982	20.783	ug/l	97
40) Benzene	8.04	78	330348	20.491	ug/l	96
41) Methacrylonitrile	7.17	41	35986m	19.861	ug/l	
42) 1,2-Dichloroethane	8.13	62	104752	20.213	ug/l	99
43) Isopropyl Acetate	8.16	43	127655	20.401	ug/l #	92
44) Trichloroethene	8.84	130	85684	20.075	ug/l	98
45) 1,2-Dichloropropane	9.12	63	87946	20.599	ug/l	98
46) Dibromomethane	9.21	93	55505	20.442	ug/l	96
47) Bromodichloromethane	9.40	83	107738	20.346	ug/l	95
48) Methyl methacrylate	9.20	41	65403	21.717	ug/l	94
49) 1,4-Dioxane	9.20	88	14188	547.421	ug/l	92
51) 4-Methyl-2-Pentanone	9.98	43	352676	106.685	ug/l	100
52) Toluene	10.16	92	204686	21.055	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	105362	20.282	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	124976	20.559	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	71317	20.807	ug/l	96
56) Ethyl methacrylate	10.43	69	90262	20.203	ug/l	99
57) 1,3-Dichloropropane	10.71	76	122194	20.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	257913	107.269	ug/l	99
59) 2-Hexanone	10.75	43	247271	107.452	ug/l	98
60) Dibromochloromethane	10.90	129	78852	20.230	ug/l	97
61) 1,2-Dibromoethane	11.00	107	74391	21.381	ug/l	92
64) Tetrachloroethene	10.63	164	75553	20.841	ug/l	96
65) Chlorobenzene	11.43	112	228079	19.997	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	78381	20.464	ug/l	96
67) Ethyl Benzene	11.51	91	386501	20.403	ug/l	98
68) m/p-Xylenes	11.62	106	294258	40.257	ug/l	97
69) o-Xylene	11.95	106	147480	20.805	ug/l	98
70) Styrene	11.96	104	229739	20.473	ug/l	100
71) Bromoform	12.12	173	44374	19.198	ug/l #	97
73) Isopropylbenzene	12.25	105	382020	20.381	ug/l	99
74) N-amyl acetate	12.07	43	111939	20.126	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	84786	20.666	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	64902m	16.636	ug/l	
77) Bromobenzene	12.53	156	86547	19.363	ug/l	93
78) n-propylbenzene	12.59	91	436575	20.381	ug/l	99
79) 2-Chlorotoluene	12.67	91	255200	20.316	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	300353	19.797	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	20365	18.692	ug/l	89
82) 4-Chlorotoluene	12.77	91	252637	20.010	ug/l	100
83) tert-Butylbenzene	12.99	119	270272	20.174	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	309872	20.518	ug/l	97
85) sec-Butylbenzene	13.17	105	372437	20.560	ug/l	99
86) p-Isopropyltoluene	13.29	119	311381	20.422	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	157072	19.886	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	156696	19.848	ug/l	99
89) n-Butylbenzene	13.61	91	267172	20.237	ug/l	98
90) Hexachloroethane	13.87	117	51801	20.159	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	148298	20.006	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12299	22.709	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	61692	19.094	ug/l	99
94) Hexachlorobutadiene	15.01	225	34851	19.800	ug/l	96
95) Naphthalene	15.13	128	146686	19.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	56826	19.952	ug/l	99

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

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