

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052748.D
 Acq On : 10 Dec 2018 12:57
 Operator : MD\SY
 Sample : VN1210WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:45:50 PM

Quant Time: Dec 11 02:13:30 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	963732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1501950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1315891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	608368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	541126	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.59	113	409550	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	
50) Toluene-d8	10.09	98	1857158	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.40	95	640918	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	146792	16.267	ug/l	99
3) Chloromethane	2.06	50	192554	16.166	ug/l	100
4) Vinyl Chloride	2.19	62	205510	16.796	ug/l	100
5) Bromomethane	2.58	94	116405	15.247	ug/l	98
6) Chloroethane	2.71	64	129475	17.469	ug/l	98
7) Trichlorofluoromethane	3.03	101	277460	18.460	ug/l	99
8) Diethyl Ether	3.41	74	109720	19.768	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	175697	18.734	ug/l	98
10) Methyl Iodide	3.96	142	195679	15.665	ug/l	98
11) Tert butyl alcohol	4.77	59	56519	107.589	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	166465	18.440	ug/l	98
13) Acrolein	3.61	56	13978	15.310	ug/l	98
14) Allyl chloride	4.33	41	290114	18.646	ug/l	99
15) Acrylonitrile	4.99	53	333991	100.438	ug/l	98
16) Acetone	3.82	43	244735	88.425	ug/l	99
17) Carbon Disulfide	4.06	76	435024	15.313	ug/l	99
18) Methyl Acetate	4.33	43	167740	21.128	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	493272	20.537	ug/l	100
20) Methylene Chloride	4.55	84	199074	18.380	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	178984	18.564	ug/l	96
22) Diisopropyl ether	5.95	45	631724	19.329	ug/l	99
23) Vinyl Acetate	5.90	43	1853067	91.031	ug/l	98
24) 1,1-Dichloroethane	5.85	63	355558	19.054	ug/l	99
25) 2-Butanone	6.83	43	381306	97.199	ug/l	98
26) 2,2-Dichloropropane	6.83	77	261633	20.256	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	215056	19.148	ug/l	99
28) Bromochloromethane	7.20	49	169583	19.897	ug/l	93
29) Tetrahydrofuran	7.21	42	249114	98.453	ug/l	99
30) Chloroform	7.37	83	350415	18.822	ug/l	98
31) Cyclohexane	7.66	56	315870	17.249	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	288322	19.546	ug/l	99
36) 1,1-Dichloropropene	7.79	75	256953	18.117	ug/l	98
37) Ethyl Acetate	6.93	43	165870	19.162	ug/l	97
38) Carbon Tetrachloride	7.78	117	247842	19.303	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	300795	17.448	ug/l	98
40) Benzene	8.04	78	806577	19.082	ug/l	99
41) Methacrylonitrile	7.17	41	89491	18.911	ug/l	92
42) 1,2-Dichloroethane	8.12	62	249126	19.465	ug/l	100
43) Isopropyl Acetate	8.16	43	311764	21.283	ug/l	98
44) Trichloroethene	8.84	130	218252	20.158	ug/l	100
45) 1,2-Dichloropropane	9.12	63	220452	19.617	ug/l	98
46) Dibromomethane	9.21	93	125734	20.211	ug/l	97
47) Bromodichloromethane	9.40	83	271030	20.038	ug/l	99
48) Methyl methacrylate	9.20	41	151739	19.866	ug/l	98
49) 1,4-Dioxane	9.20	88	33374	421.011	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	847429	103.108	ug/l	98
52) Toluene	10.16	92	492136	19.596	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	261641	20.108	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	310806	19.932	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	183560	20.779	ug/l	98
56) Ethyl methacrylate	10.43	69	230853	20.499	ug/l	98
57) 1,3-Dichloropropane	10.71	76	313124	20.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	656777	102.460	ug/l	98
59) 2-Hexanone	10.75	43	581918	105.494	ug/l	98
60) Dibromochloromethane	10.90	129	195742	20.401	ug/l	100
61) 1,2-Dibromoethane	11.01	107	178155	20.305	ug/l	99
64) Tetrachloroethene	10.63	164	231502	22.691	ug/l	98
65) Chlorobenzene	11.43	112	548935	20.231	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	194626	20.629	ug/l	99
67) Ethyl Benzene	11.51	91	937486	19.730	ug/l	100
68) m/p-Xylenes	11.62	106	710034	40.140	ug/l	99
69) o-Xylene	11.95	106	350428	20.400	ug/l	99
70) Styrene	11.96	104	564262	20.624	ug/l	99
71) Bromoform	12.13	173	129498	20.730	ug/l #	97
73) Isopropylbenzene	12.25	105	931076	19.507	ug/l	99
74) N-amyl acetate	12.07	43	261944	21.723	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	205889	18.963	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	183752m	19.587	ug/l	
77) Bromobenzene	12.53	156	236398	20.038	ug/l	98
78) n-propylbenzene	12.59	91	1059930	19.547	ug/l	99
79) 2-Chlorotoluene	12.68	91	632143	19.577	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	756258	19.867	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56135	19.983	ug/l	99
82) 4-Chlorotoluene	12.77	91	635995	19.543	ug/l	99
83) tert-Butylbenzene	12.99	119	676404	19.931	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	760378	19.932	ug/l	100
85) sec-Butylbenzene	13.17	105	904045	19.558	ug/l	99
86) p-Isopropyltoluene	13.29	119	780487	19.825	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	413652	20.045	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	413627	20.349	ug/l	99
89) n-Butylbenzene	13.62	91	648953	19.820	ug/l	100
90) Hexachloroethane	13.88	117	127822	19.175	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	406299	20.607	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33233	21.401	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	228300	22.771	ug/l	99
94) Hexachlorobutadiene	15.01	225	125313	19.757	ug/l	98
95) Naphthalene	15.13	128	495707	23.587	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	214983	23.195	ug/l	99

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

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