

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050870.D
 Acq On : 24 Aug 2018 12:25
 Operator : MD\SY
 Sample : VN0824WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 1:18:45 PM

Quant Time: Aug 24 23:11:37 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	614033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	790541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	369564	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	380119	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	7.59	113	360232	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.09	98	1359031	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	426453	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	178040	21.666	ug/l	98
3) Chloromethane	2.06	50	195636	19.302	ug/l	100
4) Vinyl Chloride	2.18	62	192168	20.015	ug/l	100
5) Bromomethane	2.57	94	111733	19.831	ug/l	99
6) Chloroethane	2.70	64	110852	19.983	ug/l	99
7) Trichlorofluoromethane	3.01	101	249490	20.293	ug/l	98
8) Diethyl Ether	3.41	74	84919	20.313	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	154796	20.153	ug/l	99
10) Methyl Iodide	3.95	142	117279	21.533	ug/l	99
11) Tert butyl alcohol	4.79	59	48153	102.297	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	137061	19.874	ug/l	98
13) Acrolein	3.61	56	20892	88.473	ug/l	98
14) Allyl chloride	4.33	41	212948	19.816	ug/l	99
15) Acrylonitrile	4.99	53	244792	102.328	ug/l	100
16) Acetone	3.82	43	175178	95.715	ug/l	98
17) Carbon Disulfide	4.05	76	422676	18.282	ug/l	100
18) Methyl Acetate	4.33	43	143252	20.523	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	357546	20.611	ug/l	98
20) Methylene Chloride	4.55	84	159583	19.154	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	145857	19.554	ug/l	98
22) Diisopropyl ether	5.96	45	453738	21.187	ug/l	99
23) Vinyl Acetate	5.90	43	1396844	101.279	ug/l	99
24) 1,1-Dichloroethane	5.85	63	275614	20.046	ug/l	99
25) 2-Butanone	6.84	43	263958	88.607	ug/l	99
26) 2,2-Dichloropropane	6.83	77	218217	19.752	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	161410	20.072	ug/l	98
28) Bromochloromethane	7.20	49	111695	19.118	ug/l	99
29) Tetrahydrofuran	7.22	42	175639	102.835	ug/l	99
30) Chloroform	7.37	83	275948	20.268	ug/l	98
31) Cyclohexane	7.66	56	244971	19.885	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	235211	20.113	ug/l	99
36) 1,1-Dichloropropene	7.79	75	205851	19.689	ug/l	100
37) Ethyl Acetate	6.93	43	122675	20.427	ug/l	99
38) Carbon Tetrachloride	7.77	117	209722	19.845	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	216956	19.181	ug/l	97
40) Benzene	8.04	78	634738	20.134	ug/l	100
41) Methacrylonitrile	7.19	41	62774m	19.314	ug/l	
42) 1,2-Dichloroethane	8.13	62	188282	19.975	ug/l	100
43) Isopropyl Acetate	8.17	43	210455	20.381	ug/l #	88
44) Trichloroethene	8.84	130	169250	20.355	ug/l	98
45) 1,2-Dichloropropane	9.12	63	167117	20.169	ug/l	99
46) Dibromomethane	9.21	93	97549	20.037	ug/l	98
47) Bromodichloromethane	9.40	83	204711	20.075	ug/l	96
48) Methyl methacrylate	9.20	41	105464	20.041	ug/l	100
49) 1,4-Dioxane	9.20	88	29063	405.117	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	602288	97.742	ug/l	100
52) Toluene	10.16	92	387711	20.760	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	196148	19.325	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	234732	20.196	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	139566	20.134	ug/l	98
56) Ethyl methacrylate	10.43	69	158375	19.088	ug/l	100
57) 1,3-Dichloropropane	10.71	76	232573	20.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	337894	93.898	ug/l	99
59) 2-Hexanone	10.75	43	380303	92.707	ug/l	99
60) Dibromochloromethane	10.90	129	155977	20.097	ug/l	100
61) 1,2-Dibromoethane	11.01	107	137089	20.452	ug/l	99
64) Tetrachloroethene	10.63	164	150717	20.072	ug/l	98
65) Chlorobenzene	11.44	112	412095	19.944	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	155379	20.552	ug/l	98
67) Ethyl Benzene	11.51	91	679685	20.233	ug/l	100
68) m/p-Xylenes	11.62	106	534348	41.907	ug/l	100
69) o-Xylene	11.95	106	254441	20.756	ug/l	100
70) Styrene	11.96	104	395471	19.111	ug/l	99
71) Bromoform	12.13	173	104561	20.111	ug/l #	99
73) Isopropylbenzene	12.25	105	671365	21.939	ug/l	100
74) N-amyl acetate	12.07	43	157375	20.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	169598	22.341	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	136699m	21.119	ug/l	
77) Bromobenzene	12.53	156	170461	20.496	ug/l	100
78) n-propylbenzene	12.59	91	746668	21.842	ug/l	99
79) 2-Chlorotoluene	12.67	91	454540	21.347	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	545194	22.080	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39081	20.411	ug/l	98
82) 4-Chlorotoluene	12.77	91	445315	21.184	ug/l	100
83) tert-Butylbenzene	12.99	119	462186	21.613	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	550614	22.169	ug/l	100
85) sec-Butylbenzene	13.17	105	610050	21.771	ug/l	99
86) p-Isopropyltoluene	13.29	119	522865	21.899	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	281143	19.920	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	271634	19.556	ug/l	99
89) n-Butylbenzene	13.62	91	377050	19.745	ug/l	100
90) Hexachloroethane	13.87	117	98442	21.738	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	278157	20.428	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22266	20.260	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	108000	18.085	ug/l	98
94) Hexachlorobutadiene	15.01	225	87446	21.016	ug/l	99
95) Naphthalene	15.13	128	205190	17.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	110319	18.815	ug/l	100

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

