

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052793.D
 Acq On : 11 Dec 2018 10:50
 Operator : MD\SY
 Sample : VN1211WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 11:33:09 AM

Quant Time: Dec 12 00:45:22 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	7.66	168	1024036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1542792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1364307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	657658	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	548802	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.59	113	445534	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
50) Toluene-d8	10.09	98	1897880	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.40	95	669888	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	156636	16.336	ug/l	99
3) Chloromethane	2.06	50	197452	15.601	ug/l	99
4) Vinyl Chloride	2.19	62	215279	16.558	ug/l	100
5) Bromomethane	2.58	94	128307	15.816	ug/l	97
6) Chloroethane	2.71	64	132512	16.826	ug/l	97
7) Trichlorofluoromethane	3.02	101	293229	18.361	ug/l	100
8) Diethyl Ether	3.41	74	110605	18.754	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	194774	19.545	ug/l	99
10) Methyl Iodide	3.96	142	220106	16.583	ug/l	99
11) Tert butyl alcohol	4.77	59	61705	110.544	ug/l	100
12) 1,1-Dichloroethene	3.74	96	173861	18.125	ug/l	99
13) Acrolein	3.61	56	35772	36.873	ug/l	94
14) Allyl chloride	4.33	41	275604	16.670	ug/l	92
15) Acrylonitrile	4.99	53	335567	94.969	ug/l	99
16) Acetone	3.82	43	263134	89.474	ug/l	97
17) Carbon Disulfide	4.06	76	445846	14.769	ug/l	100
18) Methyl Acetate	4.32	43	169068	20.042	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	510286	19.994	ug/l	99
20) Methylene Chloride	4.55	84	206006	17.900	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	186594	18.213	ug/l	94
22) Diisopropyl ether	5.95	45	659792	18.999	ug/l	97
23) Vinyl Acetate	5.90	43	1935603	89.486	ug/l	98
24) 1,1-Dichloroethane	5.85	63	373864	18.855	ug/l	99
25) 2-Butanone	6.83	43	390197	93.608	ug/l	96
26) 2,2-Dichloropropane	6.82	77	278491	20.292	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	228646	19.159	ug/l	98
28) Bromochloromethane	7.20	49	176145	19.450	ug/l	97
29) Tetrahydrofuran	7.21	42	250842	93.298	ug/l	98
30) Chloroform	7.37	83	374392	18.925	ug/l	99
31) Cyclohexane	7.66	56	336819	17.311	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	304031	19.397	ug/l	99
36) 1,1-Dichloropropene	7.79	75	277026	19.015	ug/l	99
37) Ethyl Acetate	6.93	43	167895	18.883	ug/l	99
38) Carbon Tetrachloride	7.78	117	264447	20.051	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	332976	18.804	ug/l	98
40) Benzene	8.04	78	850226	19.582	ug/l	99
41) Methacrylonitrile	7.17	41	100787	20.734	ug/l	98
42) 1,2-Dichloroethane	8.13	62	261897	19.921	ug/l	99
43) Isopropyl Acetate	8.16	43	332451	22.094	ug/l	96
44) Trichloroethene	8.84	130	229782	20.661	ug/l	100
45) 1,2-Dichloropropane	9.12	63	225927	19.572	ug/l	99
46) Dibromomethane	9.21	93	131716	20.612	ug/l	97
47) Bromodichloromethane	9.40	83	283289	20.390	ug/l	97
48) Methyl methacrylate	9.20	41	154821	19.733	ug/l	98
49) 1,4-Dioxane	9.20	88	37494	460.463	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	866934	102.689	ug/l	99
52) Toluene	10.16	92	521116	20.201	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	275437	20.608	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	327143	20.425	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	192682	21.234	ug/l	98
56) Ethyl methacrylate	10.43	69	240624	20.761	ug/l	98
57) 1,3-Dichloropropane	10.71	76	324395	20.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	679660	103.223	ug/l	98
59) 2-Hexanone	10.75	43	603826	106.568	ug/l	100
60) Dibromochloromethane	10.90	129	205896	20.892	ug/l	99
61) 1,2-Dibromoethane	11.01	107	184607	20.483	ug/l	100
64) Tetrachloroethene	10.63	164	251317	23.759	ug/l	98
65) Chlorobenzene	11.43	112	581765	20.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	208956	21.362	ug/l	99
67) Ethyl Benzene	11.51	91	998704	20.273	ug/l	99
68) m/p-Xylenes	11.62	106	754460	41.138	ug/l	100
69) o-Xylene	11.95	106	370110	20.782	ug/l	99
70) Styrene	11.96	104	607307	21.410	ug/l	99
71) Bromoform	12.13	173	135303	20.891	ug/l #	99
73) Isopropylbenzene	12.25	105	1000723	19.395	ug/l	99
74) N-amyl acetate	12.07	43	265484	20.366	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	214564	18.280	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	188167m	18.554	ug/l	
77) Bromobenzene	12.53	156	252609	19.807	ug/l	97
78) n-propylbenzene	12.59	91	1154534	19.696	ug/l	99
79) 2-Chlorotoluene	12.68	91	672205	19.257	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	820472	19.938	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	58092	19.129	ug/l	99
82) 4-Chlorotoluene	12.77	91	685106	19.474	ug/l	99
83) tert-Butylbenzene	12.99	119	726405	19.801	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	819202	19.864	ug/l	99
85) sec-Butylbenzene	13.17	105	996587	19.945	ug/l	100
86) p-Isopropyltoluene	13.29	119	857921	20.158	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	447773	20.072	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	447200	20.351	ug/l	100
89) n-Butylbenzene	13.62	91	726796	20.534	ug/l	99
90) Hexachloroethane	13.88	117	136887	18.996	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	432829	20.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31699	18.883	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	242422	22.418	ug/l	100
94) Hexachlorobutadiene	15.01	225	145368	21.201	ug/l	99
95) Naphthalene	15.13	128	482692	21.586	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	219309	22.042	ug/l	100

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

