

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049784.D
 Acq On : 12 Jul 2018 21:54
 Operator : MD\SY
 Sample : VN0712WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:38 PM

Quant Time: Jul 13 05:08:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1184297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1737053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1566164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	784801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	661453	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	7.59	113	628107	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.09	98	2089342	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
62) 4-Bromofluorobenzene	12.40	95	735644	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	201029	18.78	ug/l	99
3) Chloromethane	2.06	50	268720	19.09	ug/l	99
4) Vinyl Chloride	2.18	62	300771	19.63	ug/l	100
5) Bromomethane	2.57	94	177348	18.27	ug/l	98
6) Chloroethane	2.71	64	195356	18.55	ug/l	99
7) Trichlorofluoromethane	3.02	101	420189	18.71	ug/l	98
8) Diethyl Ether	3.42	74	146750	18.24	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	267484	18.35	ug/l	98
10) Methyl Iodide	3.96	142	342818	18.51	ug/l	100
11) Tert butyl alcohol	4.79	59	85976	93.24	ug/l	99
12) 1,1-Dichloroethene	3.74	96	230004	17.96	ug/l	99
13) Acrolein	3.61	56	70501	87.05	ug/l	98
14) Allyl chloride	4.33	41	371250	17.76	ug/l	99
15) Acrylonitrile	5.00	53	423415	91.69	ug/l	99
16) Acetone	3.82	43	302468	87.86	ug/l	99
17) Carbon Disulfide	4.06	76	626024	18.81	ug/l	100
18) Methyl Acetate	4.33	43	228135	19.37	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	667858	18.80	ug/l	99
20) Methylene Chloride	4.56	84	285206	19.62	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	250682	17.91	ug/l	99
22) Diisopropyl ether	5.96	45	832574	19.39	ug/l	99
23) Vinyl Acetate	5.90	43	2666776	92.69	ug/l	99
24) 1,1-Dichloroethane	5.85	63	509016	18.87	ug/l	99
25) 2-Butanone	6.84	43	472947	88.09	ug/l	100
26) 2,2-Dichloropropane	6.83	77	378774	16.92	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	296070	18.49	ug/l	99
28) Bromochloromethane	7.20	49	239176	19.50	ug/l	98
29) Tetrahydrofuran	7.22	42	310359	92.06	ug/l	100
30) Chloroform	7.37	83	527204	18.97	ug/l	99
31) Cyclohexane	7.66	56	405362	18.72	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	447694	18.97	ug/l	100
36) 1,1-Dichloropropene	7.80	75	364698	18.22	ug/l	100
37) Ethyl Acetate	6.94	43	225895	19.07	ug/l	100
38) Carbon Tetrachloride	7.78	117	390104	18.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	372720	17.66	ug/l	99
40) Benzene	8.05	78	1131361	18.89	ug/l	99
41) Methacrylonitrile	7.17	41	92465	13.80	ug/l #	75
42) 1,2-Dichloroethane	8.13	62	367925	18.78	ug/l	100
43) Isopropyl Acetate	8.17	43	397529	18.67	ug/l	97
44) Trichloroethene	8.84	130	294611	18.27	ug/l	99
45) 1,2-Dichloropropane	9.12	63	306435	19.04	ug/l	97
46) Dibromomethane	9.21	93	178292	18.65	ug/l	99
47) Bromodichloromethane	9.41	83	396918	18.86	ug/l	98
48) Methyl methacrylate	9.20	41	195051	18.32	ug/l	97
49) 1,4-Dioxane	9.20	88	52272	374.65	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1108543	95.87	ug/l	100
52) Toluene	10.16	92	688585	19.21	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	367489	18.15	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	428060	18.56	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	265511	19.16	ug/l	99
56) Ethyl methacrylate	10.43	69	299291	18.50	ug/l	98
57) 1,3-Dichloropropane	10.71	76	429392	18.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	734157	94.63	ug/l	100
59) 2-Hexanone	10.75	43	691463	89.95	ug/l	98
60) Dibromochloromethane	10.90	129	294821	18.78	ug/l	99
61) 1,2-Dibromoethane	11.01	107	240014	18.40	ug/l	98
64) Tetrachloroethene	10.63	164	268007	18.85	ug/l	98
65) Chlorobenzene	11.44	112	759893	18.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	291171	18.97	ug/l	99
67) Ethyl Benzene	11.51	91	1253088	18.76	ug/l	100
68) m/p-Xylenes	11.62	106	970159	38.69	ug/l	99
69) o-Xylene	11.95	106	468007	19.32	ug/l	98
70) Styrene	11.97	104	751543	19.53	ug/l	100
71) Bromoform	12.13	173	196375	18.93	ug/l #	98
73) Isopropylbenzene	12.25	105	1252115	19.20	ug/l	99
74) N-amyl acetate	12.07	43	319751	18.85	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	315679	19.82	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	258863m	18.57	ug/l	
77) Bromobenzene	12.53	156	324966	18.78	ug/l	99
78) n-propylbenzene	12.59	91	1408769	19.16	ug/l	100
79) 2-Chlorotoluene	12.68	91	872321	19.38	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1026081	19.80	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	73424	17.01	ug/l	99
82) 4-Chlorotoluene	12.77	91	858018	19.22	ug/l	100
83) tert-Butylbenzene	12.99	119	896896	19.34	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1035572	19.92	ug/l	99
85) sec-Butylbenzene	13.17	105	1182643	19.46	ug/l	99
86) p-Isopropyltoluene	13.29	119	998309	19.41	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	567436	18.91	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	535812	18.37	ug/l	99
89) n-Butylbenzene	13.62	91	782274	18.42	ug/l	99
90) Hexachloroethane	13.88	117	194405	19.01	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	561486	19.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46720	19.97	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	249652	17.51	ug/l	100
94) Hexachlorobutadiene	15.01	225	179082	19.33	ug/l	99
95) Naphthalene	15.14	128	490102	17.01	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	259609	18.28	ug/l	98

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

