

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049341.D
 Acq On : 18 Jun 2018 14:21
 Operator : MD\SY
 Sample : VN0618WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:43 PM

Quant Time: Jun 19 02:17:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1674717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2540609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2286247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1082447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1150869	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.59	113	1022932	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.09	98	3880173	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.40	95	1271063	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	352391	18.281	ug/l	99
3) Chloromethane	2.06	50	447988	17.998	ug/l	95
4) Vinyl Chloride	2.18	62	496834	18.781	ug/l	100
5) Bromomethane	2.56	94	200456	14.415	ug/l	92
6) Chloroethane	2.70	64	321707	20.396	ug/l	100
7) Trichlorofluoromethane	3.01	101	652514	19.772	ug/l	98
8) Diethyl Ether	3.41	74	245161	21.278	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	416992	19.922	ug/l	94
10) Methyl Iodide	3.95	142	329010	15.099	ug/l	91
11) Tert butyl alcohol	4.80	59	155264	119.095	ug/l #	94
12) 1,1-Dichloroethene	3.73	96	387733	20.192	ug/l	89
13) Acrolein	3.61	56	106878	78.175	ug/l	99
14) Allyl chloride	4.32	41	641071	21.144	ug/l	89
15) Acrylonitrile	4.99	53	720976	110.597	ug/l	98
16) Acetone	3.82	43	592285	109.820	ug/l	92
17) Carbon Disulfide	4.05	76	1083327	17.999	ug/l	98
18) Methyl Acetate	4.33	43	370873	22.553	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	1114069	22.755	ug/l	99
20) Methylene Chloride	4.55	84	448920	19.930	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	409847	20.160	ug/l	93
22) Diisopropyl ether	5.96	45	1346873	22.245	ug/l	95
23) Vinyl Acetate	5.90	43	4396437	111.384	ug/l	96
24) 1,1-Dichloroethane	5.85	63	797937	20.591	ug/l	100
25) 2-Butanone	6.84	43	816630	112.766	ug/l	96
26) 2,2-Dichloropropane	6.83	77	654416	20.910	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	476970	21.103	ug/l	92
28) Bromochloromethane	7.20	49	358355	20.858	ug/l #	83
29) Tetrahydrofuran	7.22	42	533060	114.351	ug/l	94
30) Chloroform	7.37	83	800676	20.761	ug/l	100
31) Cyclohexane	7.65	56	680463	20.609	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	683686	20.777	ug/l	97
36) 1,1-Dichloropropene	7.79	75	592883	20.361	ug/l	98
37) Ethyl Acetate	6.93	43	365424	23.085	ug/l	96
38) Carbon Tetrachloride	7.77	117	596279	19.780	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	615720	19.699	ug/l	96
40) Benzene	8.04	78	1817748	20.362	ug/l	98
41) Methacrylonitrile	7.18	41	199096	23.265	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	567881	20.590	ug/l	96
43) Isopropyl Acetate	8.17	43	693987	22.946	ug/l	97
44) Trichloroethene	8.84	130	484136	20.537	ug/l	94
45) 1,2-Dichloropropane	9.12	63	481580	20.603	ug/l	100
46) Dibromomethane	9.21	93	280336	20.684	ug/l	92
47) Bromodichloromethane	9.40	83	608364	20.426	ug/l	95
48) Methyl methacrylate	9.20	41	323683	22.726	ug/l	88
49) 1,4-Dioxane	9.20	88	87447	444.855	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1809624	114.161	ug/l	94
52) Toluene	10.16	92	1104973	21.090	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	587767	20.629	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	699702	20.799	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	407035	20.839	ug/l	98
56) Ethyl methacrylate	10.43	69	500404	22.207	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	674513	20.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	676130	93.447	ug/l	94
59) 2-Hexanone	10.75	43	1166546	114.149	ug/l	94
60) Dibromochloromethane	10.90	129	452653	20.764	ug/l	98
61) 1,2-Dibromoethane	11.01	107	384795	21.194	ug/l	99
64) Tetrachloroethene	10.63	164	501398	21.402	ug/l	97
65) Chlorobenzene	11.44	112	1198796	20.355	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	450440	20.323	ug/l	99
67) Ethyl Benzene	11.51	91	2050584	20.991	ug/l	97
68) m/p-Xylenes	11.62	106	1573585	42.922	ug/l	95
69) o-Xylene	11.95	106	770690	21.826	ug/l	93
70) Styrene	11.97	104	1200028	21.541	ug/l	98
71) Bromoform	12.13	173	297016	20.703	ug/l #	100
73) Isopropylbenzene	12.25	105	2012154	21.171	ug/l	97
74) N-amyl acetate	12.07	43	515162	22.130	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	474350	23.054	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	398010m	21.550	ug/l	
77) Bromobenzene	12.53	156	527084	20.996	ug/l	87
78) n-propylbenzene	12.59	91	2237227	21.439	ug/l	98
79) 2-Chlorotoluene	12.68	91	1360550	20.576	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1609360	21.544	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	122276	20.924	ug/l	93
82) 4-Chlorotoluene	12.78	91	1337632	20.969	ug/l	97
83) tert-Butylbenzene	13.00	119	1406889	21.258	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1607131	21.657	ug/l	98
85) sec-Butylbenzene	13.17	105	1836688	20.851	ug/l	99
86) p-Isopropyltoluene	13.29	119	1549352	21.053	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	838707	20.308	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	813202	19.867	ug/l	100
89) n-Butylbenzene	13.62	91	1166828	20.299	ug/l	96
90) Hexachloroethane	13.88	117	302888	20.754	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	828143	20.445	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66749	20.173	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	305019	19.615	ug/l	99
94) Hexachlorobutadiene	15.01	225	265768	20.847	ug/l	98
95) Naphthalene	15.14	128	682238	23.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	336324	20.708	ug/l	99

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

