Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000087.D
Acq On : 30 Dec 2014 09:20
Operator : TP
Sample : MDL-06-W
Misc : MDL-WATER-8PPM
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-06-W

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:22:14 AM

Quant Time: Dec 31 07:51:53 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 07:06:16 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	184664	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	770685	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	576296	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1166731m	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1062173	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	850164	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	18648	5.86	ng/uL	0.00
5) Phenol-d5	7.00	99	627494m	39.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	340459	34.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	442218	38.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	476493	37.70	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	204453	38.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	223915m	41.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	466279m	38.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	574327	42.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1517724	35.71	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1786689	35.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	223011	32.48	ng/ul	0.00
57) Fluorene-d10	15.47	176	1266636	34.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	192245	33.23	ng/ul	0.00
70) Anthracene-d10	17.32	188	1903380	35.28	ng/ul	0.00
76) Pyrene-d10	19.61	212	1916651	39.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1388230	36.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	30163	6.83	ng/uL#	88
4) Benzaldehyde	6.98	77	77216	7.75	ng/ul	93
6) Phenol	7.03	94	128877	7.74	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	87177	6.85	ng/ul	99
10) 2-Chlorophenol	7.41	128	93313	7.83	ng/ul	96
11) 2-Methylphenol	8.28	108	93840	7.30	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.38	45	149483	7.29	ng/ul	99
14) Acetophenone	8.66	105	145121	6.73	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	79637	7.05	ng/ul	93
16) 4-Methylphenol	8.60	108	105979	7.62	ng/ul	94
17) Hexachloroethane	8.92	117	36904	6.78	ng/ul	92
20) Nitrobenzene	9.04	77	119902	7.55	ng/ul	99
21) Isophorone	9.56	82	219715	7.17	ng/ul	98
23) 2-Nitrophenol	9.75	139	45387	7.55	ng/ul#	92
24) 2,4-Dimethylphenol	9.81	107	131926	8.09	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	123163	7.22	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	97972	8.17	ng/ul	95
28) Naphthalene	10.69	128	277874	7.07	ng/ul	98
30) 4-Chloroaniline	10.79	127	116802m	8.28	ng/ul	
31) Hexachlorobutadiene	10.97	225	64049	7.53	ng/ul	96
32) Caprolactam	11.58	113	27506	6.89	ng/ul	97
33) 4-Chloro-3-methylphenol	11.91	107	109679	7.45	ng/ul	96
34) 2-Methylnaphthalene	12.30	142	214991	7.38	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.67	216	114953	7.19	ng/ul	97
37) Hexachlorocyclopentadiene	12.64	237	63622	6.03	ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	74118	7.27	ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	80147	7.24	ng/ul	96
40) 1,1'-Biphenyl	13.31	154	294653	7.09	ng/ul	100
41) 2-Chloronaphthalene	13.35	162	226462	7.11	ng/ul	97
42) 2-Nitroaniline	13.56	65	73380	7.11	ng/ul	91
44) Dimethylphthalate	13.93	163	303653	7.17	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	52413	6.92	ng/ul	94
47) Acenaphthylene	14.20	152	376826	7.02	ng/ul	100
48) 3-Nitroaniline	14.38	138	50759	6.55	ng/ul	93
49) Acenaphthene	14.54	153	242011	7.07	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	22255	5.79	ng/ul	91
52) 4-Nitrophenol	14.68	109	60869	6.67	ng/ul	96
53) Dibenzofuran	14.87	168	357212	7.21	ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	78637	6.96	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.10	232	66499	6.97	ng/ul	92
56) Diethylphthalate	15.29	149	312193	7.02	ng/ul	97
58) Fluorene	15.52	166	293532	7.14	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	149258	7.36	ng/ul	93
60) 4-Nitroaniline	15.53	138	57442	6.55	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	41236	6.97	ng/ul#	78
64) N-Nitrosodiphenylamine	15.73	169	245853	7.27	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	87457	7.35	ng/ul	92
66) Hexachlorobenzene	16.52	284	98041	7.15	ng/ul#	89
67) Atrazine	16.68	200	86113	6.45	ng/ul	99
68) Pentachlorophenol	16.86	266	49881	5.98	ng/ul	94
69) Phenanthrene	17.26	178	461074	7.30	ng/ul	99
71) Anthracene	17.35	178	467663	7.20	ng/ul	99
72) Carbazole	17.61	167	407866	6.97	ng/ul	100
73) Di-n-butylphthalate	18.19	149	483057	6.92	ng/ul	99
74) Fluoranthene	19.27	202	498339	6.88	ng/ul	99
77) Pyrene	19.64	202	512598	8.01	ng/ul	98
78) Butylbenzylphthalate	20.54	149	183011	7.04	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.32	252	112237	5.78	ng/ul#	93
80) Benzo(a)anthracene	21.39	228	434460	7.09	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	249370	6.59	ng/ul	99
82) Chrysene	21.44	228	395616	7.00	ng/ul	98
84) Di-n-octyl phthalate	22.22	149	368638	6.31	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	402996	7.43	ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	327127	7.06	ng/ul	100
88) Benzo(a)pyrene	23.60	252	352680	7.40	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	378462	7.61	ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	317317	7.58	ng/ul#	96
91) Benzo(g,h,i)perylene	26.75	276	311860	7.63	ng/ul	99

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

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