Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101216\
Data File : BB058614.D
Acq On : 12 Oct 2016 10:50
Operator : UM/SJ
Sample : MDL-BLK-S
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : MDL-BLK-W

Quant Time: Oct 12 12:01:27 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 14:09:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	515526	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.63	136	1913555	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1123630	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.52	188	2428039	20.00	ng/ul	0.08
75) Chrysene-d12	22.79	240	1970538	20.00	ng/ul	-0.02
83) Perylene-d12	25.89	264	1597003	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	60869	5.35	ng/uL	0.00
5) Phenol-d5	7.79	99	936881	25.02	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.95	67	633853	25.26	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1075637	27.69	ng/ul	-0.02
13) 4-Methylphenol-d8	9.43	113	789037	25.45	ng/ul	-0.02
19) Nitrobenzene-d5	9.87	128	541343	27.36	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.64	143	609065	28.61	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.22	165	825133	27.35	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.74	131	1146079	31.55	ng/ul	-0.02
43) Dimethylphthalate-d6	14.96	166	2345617	31.40	ng/ul	-0.02
46) Acenaphthylene-d8	15.24	160	2605750	29.57	ng/ul	-0.02
51) 4-Nitrophenol-d4	15.76	143	389395	22.69	ng/ul	-0.04
57) Fluorene-d10	16.61	176	1864279	30.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.71	200	430659	16.70	ng/ul	-0.04
70) Anthracene-d10	18.52	188	2428039	22.36	ng/ul	-0.02
76) Pyrene-d10	20.87	212	2658146	30.70	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.68	264	2060878	28.26	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.67	88	184	0.02	ng/uL#	1
4) Benzaldehyde	7.70	77	1366	0.06	ng/ul#	6
6) Phenol	7.81	94	1073	0.03	ng/ul#	1
8) Bis(2-Chloroethyl)ether	8.04	93	3312	0.11	ng/ul#	43
10) 2-Chlorophenol	8.18	128	1082	0.03	ng/ul#	1
11) 2-Methylphenol	9.26	108	136	0.00	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.26	45	241	0.00	ng/ul#	1
14) Acetophenone	9.53	105	563	0.01	ng/ul#	1
15) N-Nitroso-di-n-propylamine	9.64	70	237	0.01	ng/ul#	1
16) 4-Methylphenol	9.49	108	383	0.01	ng/ul	98
17) Hexachloroethane	9.78	117	191	0.01	ng/ul#	39
20) Nitrobenzene	9.87	77	6060	0.16	ng/ul#	36
21) Isophorone	10.64	82	59638	0.83	ng/ul#	71
23) 2-Nitrophenol	10.66	139	1175	0.05	ng/ul#	1
24) 2,4-Dimethylphenol	10.74	107	277	0.01	ng/ul#	27
25) Bis(2-Chloroethoxy)methane	11.03	93	284	0.01	ng/ul#	32
27) 2,4-Dichlorophenol	11.26	162	582	0.02	ng/ul#	1
28) Naphthalene	11.66	128	385	0.00	ng/ul#	1
30) 4-Chloroaniline	11.76	127	1317	0.04	ng/ul#	1
32) Caprolactam	12.55	113	247	0.02	ng/ul#	41
33) 4-Chloro-3-methylphenol	12.93	107	710	0.02	ng/ul#	15
34) 2-Methylnaphthalene	13.36	142	685	0.01	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	13.76	216	276	0.01	ng/ul#	8

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) 2,4,6-Trichlorophenol	14.03	196	423	0.02	ng/ul#	48
39) 2,4,5-Trichlorophenol	14.03	196	423	0.02	ng/ul#	49
40) 1,1'-Biphenyl	14.36	154	1047	0.01	ng/ul#	42
41) 2-Chloronaphthalene	14.47	162	416	0.01	ng/ul#	1
42) 2-Nitroaniline	14.59	65	1264	0.05	ng/ul#	27
44) Dimethylphthalate	14.99	163	583	0.01	ng/ul#	78
45) 2,6-Dinitrotoluene	15.11	165	512	0.03	ng/ul#	53
47) Acenaphthylene	15.26	152	649	0.01	ng/ul#	1
48) 3-Nitroaniline	14.63	138	218	0.01	ng/ul#	1
49) Acenaphthene	15.59	153	91	0.00	ng/ul#	1
50) 2,4-Dinitrophenol	15.63	184	815	0.06	ng/ul#	52
52) 4-Nitrophenol	15.78	109	1247	0.09	ng/ul#	1
53) Dibenzofuran	15.98	168	721	0.01	ng/ul#	3
54) 2,4-Dinitrotoluene	15.98	165	612	0.02	ng/ul#	1
55) 2,3,4,6-Tetrachlorophenol	16.23	232	351	0.02	ng/ul#	1
56) Diethylphthalate	16.42	149	812	0.01	ng/ul#	79
58) Fluorene	16.65	166	347	0.01	ng/ul#	45
59) 4-Chlorophenyl-phenylether	16.61	204	416	0.01	ng/ul#	1
60) 4-Nitroaniline	16.71	138	918	0.05	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	16.84	198	90	0.00	ng/ul#	1
64) N-Nitrosodiphenylamine	16.98	169	206	0.00	ng/ul#	1
67) Atrazine	17.92	200	148	0.00	ng/ul#	82
68) Pentachlorophenol	18.13	266	134	0.01	ng/ul#	18
69) Phenanthrene	18.52	178	1533	0.01	ng/ul#	1
71) Anthracene	18.63	178	358	0.00	ng/ul#	1
72) Carbazole	18.92	167	254	0.00	ng/ul#	1
73) Di-n-butylphthalate	19.48	149	237	0.00	ng/ul#	32
74) Fluoranthene	20.62	202	343	0.00	ng/ul#	14
77) Pyrene	20.87	202	3828	0.04	ng/ul#	1
78) Butylbenzylphthalate	21.79	149	661	0.01	ng/ul#	52
79) 3,3'-Dichlorobenzidine	22.70	252	851	0.02	ng/ul#	21
80) Benzo(a)anthracene	22.79	228	6076	0.06	ng/ul#	69
81) Bis(2-ethylhexyl)phthalate	22.68	149	1066	0.01	ng/ul#	84
82) Chrysene	22.79	228	6076	0.06	ng/ul#	67
84) Di-n-octyl phthalate	22.68	149	1073	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	24.93	252	875	0.01	ng/ul#	73
86) Benzo(k)fluoranthene	24.97	252	1072	0.01	ng/ul#	53
88) Benzo(a)pyrene	25.81	252	83	0.00	ng/ul#	60
89) Indeno(1,2,3-cd)pyrene	29.26	276	235	0.00	ng/ul#	1
90) Dibenzo(a,h)anthracene	29.24	278	360	0.01	ng/ul#	1
91) Benzo(g,h,i)perylene	30.28	276	59	0.00	ng/ul#	55

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

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