Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
Data File : BB058569.D
Acq On : 29 Sep 2016 22:40
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Manual Integrations APPROVED
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9/30/2016 7:24:45 PM

Quant Time: Sep 30 14:18:37 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\8270-BB093016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 14:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	396439	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	1513070	20.00	ng		0.00
38) Acenaphthene-d10	15.57	164	845674	20.00	ng		-0.02
63) Phenanthrene-d10	18.42	188	1298210	20.00	ng		0.00
75) Chrysene-d12	22.79	240	1215762	20.00	ng		-0.02
86) Perylene-d12	25.85	264	1105415	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	1885124	72.97	ng		0.00
7) Phenol-d6	7.83	99	2183703	71.87	ng		-0.02
23) Nitrobenzene-d5	9.91	82	2303369	73.32	ng		-0.02
41) 2,4,6-Tribromophenol	17.13	330	750056	69.24	ng		-0.02
44) 2-Fluorobiphenyl	14.16	172	3547500	69.32	ng		-0.02
78) Terphenyl-d14	21.10	244	2891897	67.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	369842	35.87	ng		98
3) Pyridine	4.13	79	935693	36.08	ng		98
4) n-Nitrosodimethylamine	4.07	42	702854	36.33	ng		100
6) Aniline	7.96	93	1343886	35.80	ng		98
8) 2-Chlorophenol	8.21	128	1063205	36.30	ng		92
9) Benzaldehyde	7.73	77	547127	33.45	ng		95
10) Phenol	7.85	94	1132253	36.10	ng		98
11) bis(2-Chloroethyl)ether	8.06	93	991784	36.09	ng		96
12) 1,3-Dichlorobenzene	8.56	146	1070210	36.00	ng		97
13) 1,4-Dichlorobenzene	8.71	146	1112941	36.49	ng		98
14) 1,2-Dichlorobenzene	9.06	146	1046759	36.66	ng		96
15) Benzyl Alcohol	8.93	79	793647	36.08	ng		99
16) 2,2'-oxybis(1-Chloropropan	9.25	45	1835263	36.70	ng		99
17) 2-Methylphenol	9.16	107	751667	36.11	ng		99
18) Hexachloroethane	9.83	117	488534	36.33	ng		92
19) n-Nitroso-di-n-propylamine	9.56	70	786682	35.88	ng		97
20) 3+4-Methylphenols	9.52	107	978472	35.97	ng	#	88
22) Acetophenone	9.54	105	1250911	36.05	ng	#	98
24) Nitrobenzene	9.95	77	1167893	36.86	ng		97
25) Isophorone	10.51	82	2142859	35.27	ng		98
26) 2-Nitrophenol	10.70	139	668109	36.88	ng	#	87
27) 2,4-Dimethylphenol	10.77	122	892921	34.73	ng		97
28) bis(2-Chloroethoxy)methane	11.01	93	1179232	36.69	ng		98
29) 2,4-Dichlorophenol	11.26	162	863847	36.21	ng		97
30) 1,2,4-Trichlorobenzene	11.49	180	864626	35.80	ng		99
31) Naphthalene	11.68	128	2657642	36.34	ng		96
32) Benzoic acid	11.04	122	602639	34.93	ng		97
33) 4-Chloroaniline	11.78	127	1178301	36.30	ng		98
34) Hexachlorobutadiene	12.01	225	452174	35.45	ng		100
35) Caprolactam	12.62	113	348361m	35.16	ng		
36) 4-Chloro-3-methylphenol	12.97	107	967019	36.94	ng		96
37) 2-Methylnaphthalene	13.34	142	1760121	36.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.72	216	802975	33.29	ng		99
40) Hexachlorocyclopentadiene	13.72	237	384401	32.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	599217	32.42	ng		99
43) 2,4,5-Trichlorophenol	14.05	196	611017	32.00	ng		96
45) 1,1'-Biphenyl	14.38	154	2261304	33.99	ng		96
46) 2-Chloronaphthalene	14.41	162	1706481	32.35	ng		99
47) 2-Nitroaniline	14.61	65	676871	32.23	ng		97
48) Acenaphthylene	15.28	152	2618530	32.32	ng		95
49) Dimethylphthalate	15.01	163	1988867	32.14	ng	#	97
50) 2,6-Dinitrotoluene	15.13	165	602206	33.97	ng		94
51) Acenaphthene	15.65	154	1770692	32.21	ng		98
52) 3-Nitroaniline	15.47	138	617128	33.06	ng		91
53) 2,4-Dinitrophenol	15.67	184	368577	32.24	ng	#	20
54) Dibenzofuran	15.99	168	2317959	33.55	ng		96
55) 4-Nitrophenol	15.80	139	549482	33.19	ng		92
56) 2,4-Dinitrotoluene	15.94	165	713550	30.46	ng	#	63
57) Fluorene	16.67	166	1941319	34.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.22	232	435974	30.76	ng		97
59) Diethylphthalate	16.42	149	2145367	32.08	ng	#	91
60) 4-Chlorophenyl-phenylether	16.65	204	878549	33.18	ng		99
61) 4-Nitroaniline	15.47	138	617128	33.06	ng		91
62) Azobenzene	16.96	77	2208668	32.68	ng		93
64) 4,6-Dinitro-2-methylphenol	16.74	198	474188	34.77	ng	#	51
65) n-Nitrosodiphenylamine	16.88	169	1698084	37.05	ng		96
66) 4-Bromophenyl-phenylether	17.57	248	512391	35.52	ng		94
67) Hexachlorobenzene	17.73	284	608483	34.43	ng		90
68) Atrazine	17.86	200	539273	36.29	ng		99
69) Pentachlorophenol	18.07	266	414925	36.42	ng		99
70) Phenanthrene	18.46	178	2441381	35.36	ng		96
71) Anthracene	18.55	178	2466887	34.96	ng		95
72) Carbazole	18.82	167	2425086	34.63	ng		94
73) Di-n-butylphthalate	19.40	149	3300797	32.73	ng	#	93
74) Fluoranthene	20.52	202	2453302	35.50	ng		96
76) Benzidine	20.69	184	1271449	33.36	ng		99
77) Pyrene	20.88	202	2475162	34.11	ng		95
79) Butylbenzylphthalate	21.79	149	1782389	34.42	ng	#	97
80) Benzo(a)anthracene	22.77	228	2390008	36.77	ng		96
81) 3,3'-Dichlorobenzidine	22.68	252	896416	35.57	ng	#	96
82) Chrysene	22.85	228	2360294	38.03	ng		93
83) Bis(2-ethylhexyl)phthalate	22.68	149	2327888	35.52	ng	#	93
84) Di-n-octyl phthalate	23.85	149	4188430	36.55	ng		100
85) Indeno(1,2,3-cd)pyrene	29.18	276	2172471	35.22	ng		97
87) Benzo(b)fluoranthene	24.93	252	2379505m	34.25	ng		
88) Benzo(k)fluoranthene	24.99	252	2223936	39.05	ng		98
89) Benzo(a)pyrene	25.74	252	2191943	36.86	ng		98
90) Dibenzo(a,h)anthracene	29.22	278	1822426	36.82	ng		94
91) Benzo(g,h,i)perylene	30.19	276	1693227	36.02	ng		95

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

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