Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB093016\
Data File : BB058571.D
Acq On : 30 Sep 2016 17:31
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
ICVBB093016

Manual Integrations APPROVED
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9/30/2016 7:24:47 PM

Quant Time: Sep 30 18:59:02 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	398125	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	1537363	20.00	ng		0.00
38) Acenaphthene-d10	15.59	164	772817	20.00	ng		0.00
63) Phenanthrene-d10	18.42	188	1292628	20.00	ng		0.00
75) Chrysene-d12	22.79	240	1198843	20.00	ng		-0.02
86) Perylene-d12	25.87	264	1092513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	2102691	81.04	ng		0.00
7) Phenol-d6	7.83	99	2459021	80.59	ng		-0.02
23) Nitrobenzene-d5	9.91	82	2562728	80.29	ng		-0.02
41) 2,4,6-Tribromophenol	17.13	330	767978	77.58	ng		-0.02
44) 2-Fluorobiphenyl	14.16	172	3643182	77.90	ng		-0.02
78) Terphenyl-d14	21.10	244	3027404	72.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	411286	39.72	ng		96
3) Pyridine	4.13	79	1050002	40.32	ng		97
4) n-Nitrosodimethylamine	4.07	42	792724	40.80	ng		97
6) Aniline	7.96	93	1538916	40.83	ng		97
8) 2-Chlorophenol	8.23	128	1194385	40.61	ng		98
9) Benzaldehyde	7.75	77	679006	41.33	ng		98
10) Phenol	7.85	94	1264818	40.15	ng		95
11) bis(2-Chloroethyl)ether	8.06	93	1125876	40.80	ng		93
12) 1,3-Dichlorobenzene	8.56	146	1201479	40.24	ng		99
13) 1,4-Dichlorobenzene	8.71	146	1242544	40.56	ng		98
14) 1,2-Dichlorobenzene	9.06	146	1167548	40.72	ng		97
15) Benzyl Alcohol	8.95	79	920048	41.65	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.25	45	2081778	41.46	ng		98
17) 2-Methylphenol	9.18	107	836624	40.02	ng		99
18) Hexachloroethane	9.83	117	551243	40.82	ng	#	87
19) n-Nitroso-di-n-propylamine	9.56	70	908995	41.29	ng		95
20) 3+4-Methylphenols	9.54	107	1121341	41.05	ng	#	77
22) Acetophenone	9.54	105	1404464	39.83	ng		92
24) Nitrobenzene	9.95	77	1261569	39.19	ng		91
25) Isophorone	10.51	82	2454794	39.77	ng		95
26) 2-Nitrophenol	10.70	139	739705	40.19	ng		97
27) 2,4-Dimethylphenol	10.78	122	1055250	40.39	ng		96
28) bis(2-Chloroethoxy)methane	11.01	93	1314968	40.27	ng		100
29) 2,4-Dichlorophenol	11.28	162	971400	40.08	ng		97
30) 1,2,4-Trichlorobenzene	11.49	180	968181	39.45	ng		97
31) Naphthalene	11.68	128	2932893	39.47	ng		96
32) Benzoic acid	11.06	122	700164	39.94	ng		98
33) 4-Chloroaniline	11.78	127	1315585	39.89	ng		96
34) Hexachlorobutadiene	12.03	225	515031	39.74	ng		99
35) Caprolactam	12.64	113	399444m	39.68	ng		
36) 4-Chloro-3-methylphenol	12.97	107	1035722	38.93	ng		98
37) 2-Methylnaphthalene	13.34	142	1884403	38.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	907593	41.17	ng		100
40) Hexachlorocyclopentadiene	13.74	237	441884	41.15	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	673011	39.85	ng		97
43) 2,4,5-Trichlorophenol	14.05	196	679328	38.94	ng		96
45) 1,1'-Biphenyl	14.38	154	2370051	38.99	ng		95
46) 2-Chloronaphthalene	14.41	162	1876074	38.92	ng		97
47) 2-Nitroaniline	14.61	65	742001	38.66	ng		90
48) Acenaphthylene	15.30	152	3092071	41.76	ng		96
49) Dimethylphthalate	15.03	163	2494877	44.12	ng		98
50) 2,6-Dinitrotoluene	15.13	165	642386	39.66	ng	#	85
51) Acenaphthene	15.65	154	1951816	38.85	ng		98
52) 3-Nitroaniline	15.47	138	698238	40.93	ng		96
53) 2,4-Dinitrophenol	15.69	184	442596	42.36	ng		90
54) Dibenzofuran	15.99	168	2476621	39.23	ng		97
55) 4-Nitrophenol	15.80	139	577639	38.18	ng		96
56) 2,4-Dinitrotoluene	15.96	165	884417	41.31	ng		97
57) Fluorene	16.67	166	2093637	40.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.24	232	509220	39.31	ng		97
59) Diethylphthalate	16.44	149	2580071	42.22	ng		96
60) 4-Chlorophenyl-phenylether	16.65	204	973817	40.25	ng		95
61) 4-Nitroaniline	15.47	138	698238	40.93	ng		96
62) Azobenzene	16.96	77	2419145	39.17	ng		88
64) 4,6-Dinitro-2-methylphenol	16.76	198	571961	42.12	ng		98
65) n-Nitrosodiphenylamine	16.88	169	1934898	42.40	ng		97
66) 4-Bromophenyl-phenylether	17.57	248	562832	39.19	ng	#	86
67) Hexachlorobenzene	17.75	284	733745	41.69	ng	#	77
68) Atrazine	17.86	200	574759	38.84	ng		97
69) Pentachlorophenol	18.07	266	460214	40.57	ng		100
70) Phenanthrene	18.48	178	2817268	40.98	ng		96
71) Anthracene	18.55	178	2862623	40.74	ng		94
72) Carbazole	18.82	167	2706790	38.82	ng		95
73) Di-n-butylphthalate	19.40	149	3831300	38.15	ng	#	91
74) Fluoranthene	20.52	202	2617316	38.04	ng		96
76) Benzidine	20.69	184	1690114	44.97	ng		99
77) Pyrene	20.88	202	2906674	40.62	ng		93
79) Butylbenzylphthalate	21.79	149	1964764	38.47	ng	#	94
80) Benzo(a)anthracene	22.77	228	2581401	40.27	ng		97
81) 3,3'-Dichlorobenzidine	22.68	252	1019268	41.02	ng	#	96
82) Chrysene	22.85	228	2574209	42.07	ng		95
83) Bis(2-ethylhexyl)phthalate	22.68	149	2561716	39.64	ng	#	91
84) Di-n-octyl phthalate	23.85	149	4464137	39.50	ng		98
85) Indeno(1,2,3-cd)pyrene	29.18	276	2343108	38.52	ng		97
87) Benzo(b)fluoranthene	24.93	252	2544277	37.06	ng		97
88) Benzo(k)fluoranthene	24.99	252	2466123	43.81	ng		97
89) Benzo(a)pyrene	25.74	252	2378954	40.48	ng	#	97
90) Dibenzo(a,h)anthracene	29.22	278	1906367	38.97	ng		98
91) Benzo(g,h,i)perylene	30.20	276	1817111	39.11	ng		98

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

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