Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
Data File : BG024539.D
Acq On : 28 Oct 2016 14:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 28 23:26:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	106294	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	431243	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	324578	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	716965	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1013937	20.00	ng		0.00
86) Perylene-d12	25.35	264	1087392	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	514165	79.28	ng		0.00
7) Phenol-d6	7.40	99	731144	82.19	ng		0.00
23) Nitrobenzene-d5	9.45	82	769112	81.20	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	389472	80.32	ng		0.00
44) 2-Fluorobiphenyl	13.52	172	1580842	80.95	ng		0.00
78) Terphenyl-d14	20.21	244	2641336	77.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	110832	41.83	ng		92
3) Pyridine	4.08	79	325125	40.98	ng		94
4) n-Nitrosodimethylamine	4.00	42	158341	38.56	ng	#	88
6) Aniline	7.59	93	451765	40.09	ng		98
8) 2-Chlorophenol	7.83	128	276539	41.94	ng		98
9) Benzaldehyde	7.41	77	209276	38.07	ng		95
10) Phenol	7.43	94	378587	41.28	ng		92
11) bis(2-Chloroethyl)ether	7.68	93	281581	40.87	ng		87
12) 1,3-Dichlorobenzene	8.16	146	327556	40.13	ng		95
13) 1,4-Dichlorobenzene	8.31	146	332887	41.29	ng		94
14) 1,2-Dichlorobenzene	8.63	146	318148	41.04	ng		96
15) Benzyl Alcohol	8.50	79	341642	41.28	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	514612	40.26	ng		94
17) 2-Methylphenol	8.70	107	250949	41.30	ng		96
18) Hexachloroethane	9.37	117	130488	42.10	ng		95
19) n-Nitroso-di-n-propylamine	9.07	70	263817	40.24	ng		96
20) 3+4-Methylphenols	9.03	107	347782	42.63	ng		96
22) Acetophenone	9.10	105	446207	40.28	ng	#	93
24) Nitrobenzene	9.49	77	428027	40.62	ng		97
25) Isophorone	10.01	82	680862	38.65	ng		98
26) 2-Nitrophenol	10.20	139	149915	38.33	ng		97
27) 2,4-Dimethylphenol	10.24	122	273823	39.99	ng		96
28) bis(2-Chloroethoxy)methane	10.48	93	369520	40.54	ng		96
29) 2,4-Dichlorophenol	10.73	162	287439	40.00	ng		92
30) 1,2,4-Trichlorobenzene	10.95	180	342455	40.17	ng		98
31) Naphthalene	11.15	128	864883	40.21	ng		99
32) Benzoic acid	10.35	122	169438	29.72	ng		92
33) 4-Chloroaniline	11.25	127	372128	39.84	ng	#	94
34) Hexachlorobutadiene	11.42	225	271663	40.72	ng		98
35) Caprolactam	12.02	113	91459	34.76	ng	#	90
36) 4-Chloro-3-methylphenol	12.34	107	340707	39.27	ng		94
37) 2-Methylnaphthalene	12.73	142	627491	39.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	438720	40.08	ng		98
40) Hexachlorocyclopentadiene	13.06	237	227203	36.85	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	269694	40.98	ng		95
43) 2,4,5-Trichlorophenol	13.39	196	271624	38.18	ng		96
45) 1,1'-Biphenyl	13.73	154	900350	39.97	ng		99
46) 2-Chloronaphthalene	13.77	162	684634	39.92	ng		98
47) 2-Nitroaniline	13.97	65	287967	41.01	ng		99
48) Acenaphthylene	14.61	152	1048463	39.86	ng		99
49) Dimethylphthalate	14.33	163	901137	39.11	ng		96
50) 2,6-Dinitrotoluene	14.46	165	201456	40.95	ng		93
51) Acenaphthene	14.95	154	700115	35.71	ng		99
52) 3-Nitroaniline	14.79	138	200168	39.32	ng		94
53) 2,4-Dinitrophenol	14.99	184	145596	40.84	ng	#	86
54) Dibenzofuran	15.28	168	1074860	39.65	ng		99
55) 4-Nitrophenol	15.07	139	168682	38.04	ng		92
56) 2,4-Dinitrotoluene	15.24	165	289048	40.44	ng	#	97
57) Fluorene	15.93	166	893241	39.74	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.50	232	298327	40.45	ng	#	93
59) Diethylphthalate	15.68	149	900806	37.29	ng		97
60) 4-Chlorophenyl-phenylether	15.91	204	498964	39.56	ng		98
61) 4-Nitroaniline	15.95	138	224908	40.45	ng		92
62) Azobenzene	16.21	77	924681	38.38	ng		98
64) 4,6-Dinitro-2-methylphenol	15.99	198	196542	39.79	ng		96
65) n-Nitrosodiphenylamine	16.13	169	774843	39.53	ng		97
66) 4-Bromophenyl-phenylether	16.81	248	357921	41.12	ng		97
67) Hexachlorobenzene	16.93	284	400842	41.68	ng	#	87
68) Atrazine	17.06	200	330969	39.37	ng		99
69) Pentachlorophenol	17.27	266	235865	37.17	ng		99
70) Phenanthrene	17.67	178	1456969	39.87	ng		97
71) Anthracene	17.76	178	1469705	39.86	ng		99
72) Carbazole	18.03	167	1328459	39.51	ng		98
73) Di-n-butylphthalate	18.56	149	1547573	39.92	ng		97
74) Fluoranthene	19.67	202	1885064	40.80	ng		98
76) Benzidine	19.84	184	875504	36.65	ng		98
77) Pyrene	20.03	202	1935579	39.05	ng		99
79) Butylbenzylphthalate	20.89	149	816062	39.49	ng		97
80) Benzo(a)anthracene	21.91	228	2180821	39.15	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	880592	39.19	ng		98
82) Chrysene	21.98	228	2109318	39.76	ng		98
83) Bis(2-ethylhexyl)phthalate	21.77	149	1160548	39.26	ng		98
84) Di-n-octyl phthalate	23.05	149	1977578	40.31	ng		95
85) Indeno(1,2,3-cd)pyrene	29.31	276	2859947	39.06	ng	#	99
87) Benzo(b)fluoranthene	24.26	252	2326212	39.58	ng		99
88) Benzo(k)fluoranthene	24.34	252	2267054	39.94	ng		97
89) Benzo(a)pyrene	25.20	252	2301689	40.08	ng		98
90) Dibenzo(a,h)anthracene	29.38	278	2459828	39.02	ng		99
91) Benzo(g,h,i)perylene	30.55	276	2419965	38.43	ng		98

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

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