Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
Data File : BG025400.D
Acq On : 29 Dec 2016 12:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/30/2016 8:43:21 AM

Quant Time: Dec 30 00:36:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	51165	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	229856	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	186045	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	428452	20.00	ng		0.00
75) Chrysene-d12	21.88	240	586098	20.00	ng		0.00
86) Perylene-d12	25.28	264	620934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	245936	87.37	ng		0.00
7) Phenol-d6	7.36	99	358292	90.38	ng		0.00
23) Nitrobenzene-d5	9.39	82	435151	83.63	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	250255	83.55	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	963578	83.85	ng		0.00
78) Terphenyl-d14	20.16	244	1787781	80.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	53496	44.54	ng		89
3) Pyridine	4.00	79	157145	45.14	ng		98
4) n-Nitrosodimethylamine	3.92	42	95038	45.99	ng	#	92
6) Aniline	7.53	93	236829	44.09	ng		93
8) 2-Chlorophenol	7.77	128	133940	42.18	ng		95
9) Benzaldehyde	7.35	77	118791	40.95	ng		95
10) Phenol	7.39	94	202512	46.08	ng		93
11) bis(2-Chloroethyl)ether	7.62	93	149426	44.13	ng		91
12) 1,3-Dichlorobenzene	8.09	146	167659	43.63	ng		92
13) 1,4-Dichlorobenzene	8.25	146	175510	44.07	ng		97
14) 1,2-Dichlorobenzene	8.56	146	163851	43.11	ng		96
15) Benzyl Alcohol	8.46	79	175164	46.28	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.72	45	276470	44.09	ng		98
17) 2-Methylphenol	8.66	107	131950	45.72	ng		99
18) Hexachloroethane	9.29	117	67251	43.97	ng		94
19) n-Nitroso-di-n-propylamine	9.01	70	151695	45.30	ng	#	91
20) 3+4-Methylphenols	8.99	107	187820	47.02	ng		97
22) Acetophenone	9.04	105	259620	40.65	ng	#	92
24) Nitrobenzene	9.44	77	236928	41.52	ng		99
25) Isophorone	9.95	82	392418	41.65	ng		99
26) 2-Nitrophenol	10.15	139	93948	43.04	ng		96
27) 2,4-Dimethylphenol	10.20	122	149702	41.72	ng		98
28) bis(2-Chloroethoxy)methane	10.43	93	197829	40.44	ng		98
29) 2,4-Dichlorophenol	10.70	162	167321	43.57	ng		91
30) 1,2,4-Trichlorobenzene	10.90	180	188541	40.64	ng		95
31) Naphthalene	11.08	128	475142	41.39	ng		98
32) Benzoic acid	10.35	122	125136	43.36	ng		91
33) 4-Chloroaniline	11.21	127	203503	42.15	ng	#	94
34) Hexachlorobutadiene	11.34	225	162601	42.94	ng		97
35) Caprolactam	11.99	113	58123	40.28	ng		96
36) 4-Chloro-3-methylphenol	12.31	107	201346	42.48	ng		95
37) 2-Methylnaphthalene	12.68	142	364641	42.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	260741	42.45	ng		96
40) Hexachlorocyclopentadiene	13.00	237	87884	43.51	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	160934	41.61	ng		97
43) 2,4,5-Trichlorophenol	13.36	196	162153	40.05	ng		97
45) 1,1'-Biphenyl	13.67	154	515939	41.23	ng		96
46) 2-Chloronaphthalene	13.72	162	400386	40.95	ng		99
47) 2-Nitroaniline	13.94	65	178615	43.28	ng		98
48) Acenaphthylene	14.56	152	627962	41.44	ng		97
49) Dimethylphthalate	14.28	163	578098	42.62	ng		97
50) 2,6-Dinitrotoluene	14.42	165	117748	39.74	ng		96
51) Acenaphthene	14.90	154	414310	41.80	ng		98
52) 3-Nitroaniline	14.76	138	117973	41.42	ng	#	96
53) 2,4-Dinitrophenol	14.98	184	70920	39.26	ng	#	76
54) Dibenzofuran	15.23	168	658412	42.02	ng		99
55) 4-Nitrophenol	15.08	139	89706	42.16	ng		96
56) 2,4-Dinitrotoluene	15.21	165	179519	41.61	ng	#	86
57) Fluorene	15.88	166	546765	41.68	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.46	232	184514	42.55	ng		91
59) Diethylphthalate	15.63	149	576832	40.56	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	307457	41.36	ng		94
61) 4-Nitroaniline	15.92	138	117035	40.83	ng		92
62) Azobenzene	16.15	77	572988	41.77	ng		96
64) 4,6-Dinitro-2-methylphenol	15.98	198	128633	43.35	ng		81
65) n-Nitrosodiphenylamine	16.08	169	491940	42.48	ng		96
66) 4-Bromophenyl-phenylether	16.75	248	224574	42.49	ng		97
67) Hexachlorobenzene	16.88	284	254945	42.03	ng	#	86
68) Atrazine	17.01	200	210843	41.55	ng		94
69) Pentachlorophenol	17.24	266	125606	39.94	ng		99
70) Phenanthrene	17.62	178	927252	42.00	ng		94
71) Anthracene	17.72	178	940153	41.91	ng		97
72) Carbazole	17.99	167	834614	41.59	ng		97
73) Di-n-butylphthalate	18.50	149	1008694	40.86	ng		96
74) Fluoranthene	19.62	202	1213766	41.62	ng		93
76) Benzidine	19.80	184	551037	37.69	ng		95
77) Pyrene	19.99	202	1251033	40.84	ng		97
79) Butylbenzylphthalate	20.84	149	493892	40.16	ng		96
80) Benzo(a)anthracene	21.85	228	1320292	40.39	ng		97
81) 3,3'-Dichlorobenzidine	21.76	252	530487	41.78	ng	#	98
82) Chrysene	21.92	228	1293708	41.27	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	692331	40.45	ng		98
84) Di-n-octyl phthalate	22.95	149	1178106	41.46	ng		95
85) Indeno(1,2,3-cd)pyrene	29.21	276	1678600	42.12	ng	#	75
87) Benzo(b)fluoranthene	24.19	252	1418824m	41.88	ng		
88) Benzo(k)fluoranthene	24.26	252	1349938	41.26	ng		96
89) Benzo(a)pyrene	25.13	252	1345167	41.11	ng		96
90) Dibenzo(a,h)anthracene	29.26	278	1435757	41.40	ng	#	97
91) Benzo(g,h,i)perylene	30.44	276	1428790	41.46	ng	#	96

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

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