Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023429.D
Acq On : 3 Aug 2016 17:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/4/2016 6:09:14 PM

Quant Time: Aug 04 03:30:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	118299	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	570166	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	432248	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	1068882	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1064805	20.00	ng		0.00
86) Perylene-d12	25.24	264	1057687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	555716	79.07	ng		0.00
7) Phenol-d6	7.28	99	877384	80.15	ng		0.00
23) Nitrobenzene-d5	9.30	82	895111	78.05	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	529486	83.75	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1922278	75.01	ng		0.00
78) Terphenyl-d14	20.15	244	2717346	78.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	107906	36.04	ng	#	93
3) Pyridine	3.93	79	349401	35.51	ng		95
4) n-Nitrosodimethylamine	3.84	42	135657	37.19	ng	#	73
6) Aniline	7.43	93	538746	34.07	ng		95
8) 2-Chlorophenol	7.68	128	307262	38.06	ng		97
9) Benzaldehyde	7.25	77	261684	42.77	ng		93
10) Phenol	7.30	94	438472	37.44	ng		87
11) bis(2-Chloroethyl)ether	7.53	93	342453	36.66	ng		90
12) 1,3-Dichlorobenzene	8.00	146	341638	36.96	ng		94
13) 1,4-Dichlorobenzene	8.16	146	352251	37.22	ng		96
14) 1,2-Dichlorobenzene	8.47	146	339603	36.58	ng		94
15) Benzyl Alcohol	8.36	79	344032	41.48	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.64	45	502526	36.58	ng		89
17) 2-Methylphenol	8.56	107	303847	38.70	ng	#	84
18) Hexachloroethane	9.21	117	136423	38.30	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	349884	37.16	ng		98
20) 3+4-Methylphenols	8.90	107	425326	38.43	ng		94
22) Acetophenone	8.95	105	584237	37.42	ng	#	89
24) Nitrobenzene	9.34	77	517653	40.76	ng	#	90
25) Isophorone	9.86	82	980730	41.05	ng	#	93
26) 2-Nitrophenol	10.05	139	216359	40.37	ng	#	81
27) 2,4-Dimethylphenol	10.11	122	353295	38.71	ng		89
28) bis(2-Chloroethoxy)methane	10.34	93	500760	34.87	ng		98
29) 2,4-Dichlorophenol	10.60	162	365234	39.80	ng		99
30) 1,2,4-Trichlorobenzene	10.81	180	379825	38.38	ng		96
31) Naphthalene	11.00	128	1092931	37.64	ng		99
32) Benzoic acid	10.26	122	300995	37.46	ng	#	89
33) 4-Chloroaniline	11.11	127	493374	35.55	ng		93
34) Hexachlorobutadiene	11.28	225	253551	38.95	ng		97
35) Caprolactam	11.90	113	153406	39.73	ng		94
36) 4-Chloro-3-methylphenol	12.23	107	490972	40.72	ng		95
37) 2-Methylnaphthalene	12.60	142	843880m	38.23	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	588315	37.53	ng		99
40) Hexachlorocyclopentadiene	12.94	237	279134	35.31	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	360255	38.58	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	384516	40.00	ng		91
45) 1,1'-Biphenyl	13.61	154	1213955	36.74	ng		97
46) 2-Chloronaphthalene	13.66	162	942945	36.89	ng		96
47) 2-Nitroaniline	13.87	65	395436	37.26	ng		90
48) Acenaphthylene	14.51	152	1523654	37.71	ng		97
49) Dimethylphthalate	14.23	163	1330309	40.11	ng		98
50) 2,6-Dinitrotoluene	14.35	165	307081	39.10	ng		86
51) Acenaphthene	14.85	154	969891	37.89	ng		99
52) 3-Nitroaniline	14.70	138	319530	36.08	ng		78
53) 2,4-Dinitrophenol	14.90	184	201924	40.11	ng		87
54) Dibenzofuran	15.18	168	1415512	38.09	ng		95
55) 4-Nitrophenol	15.01	139	264146	37.98	ng	#	83
56) 2,4-Dinitrotoluene	15.15	165	448661	40.70	ng		93
57) Fluorene	15.83	166	1260727	38.87	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	350269	39.71	ng		96
59) Diethylphthalate	15.59	149	1352123	40.16	ng		96
60) 4-Chlorophenyl-phenylether	15.82	204	665698	38.79	ng		98
61) 4-Nitroaniline	15.86	138	340156	36.08	ng	#	67
62) Azobenzene	16.12	77	1309113	38.36	ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	303990	41.83	ng		92
65) n-Nitrosodiphenylamine	16.04	169	1155249	36.85	ng		97
66) 4-Bromophenyl-phenylether	16.72	248	484011	38.85	ng		94
67) Hexachlorobenzene	16.85	284	513501	37.68	ng		96
68) Atrazine	16.99	200	474859	39.45	ng		96
69) Pentachlorophenol	17.19	266	321799	40.50	ng		98
70) Phenanthrene	17.59	178	2022639	37.29	ng		97
71) Anthracene	17.68	178	2054511	37.66	ng		96
72) Carbazole	17.96	167	1877122	39.19	ng		97
73) Di-n-butylphthalate	18.49	149	2148678	44.07	ng		98
74) Fluoranthene	19.60	202	2313307	45.44	ng		95
76) Benzidine	19.78	184	1227615	41.47	ng		99
77) Pyrene	19.96	202	2308103	36.64	ng		97
79) Butylbenzylphthalate	20.84	149	1007830	39.31	ng		94
80) Benzo(a)anthracene	21.84	228	2216981	37.72	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	914422	37.93	ng	#	97
82) Chrysene	21.91	228	2126781	38.03	ng		97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1357642	38.67	ng		99
84) Di-n-octyl phthalate	22.98	149	2222685	37.09	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2667438	38.17	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2228451	37.45	ng	#	97
88) Benzo(k)fluoranthene	24.24	252	2226609	38.96	ng	#	97
89) Benzo(a)pyrene	25.08	252	2167199	38.29	ng	#	97
90) Dibenzo(a,h)anthracene	29.17	278	2238037	38.71	ng	#	93
91) Benzo(g,h,i)perylene	30.33	276	2182146	37.48	ng	#	92

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

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