Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
Data File : BG036196.D
Acq On : 8 Aug 2018 13:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/9/2018 3:16:54 PM

Quant Time: Aug 09 14:50:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31899	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	122801	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	91002	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	270627	20.00	ng		-0.01
75) Chrysene-d12	21.65	240	311727	20.00	ng		-0.01
86) Perylene-d12	24.83	264	304509	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	144380	75.14	ng		-0.01
7) Phenol-d6	7.18	99	214299	74.76	ng		-0.02
23) Nitrobenzene-d5	9.17	82	229432	78.05	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	110698	92.29	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	515854	75.94	ng		-0.02
78) Terphenyl-d14	19.98	244	1095989	77.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	34609	35.391	ng	#	67
3) Pyridine	3.91	79	86118	33.733	ng	#	78
4) n-Nitrosodimethylamine	3.82	42	37995	34.662	ng	#	90
6) Aniline	7.34	93	129994	34.986	ng		97
8) 2-Chlorophenol	7.58	128	77284	39.549	ng		95
9) Benzaldehyde	7.15	77	64341	36.580	ng		99
10) Phenol	7.21	94	108303	37.395	ng		91
11) bis(2-Chloroethyl)ether	7.43	93	80322	35.414	ng		91
12) 1,3-Dichlorobenzene	7.90	146	91928	38.956	ng		97
13) 1,4-Dichlorobenzene	8.05	146	95817	39.963	ng		96
14) 1,2-Dichlorobenzene	8.36	146	89494	38.854	ng		97
15) Benzyl Alcohol	8.25	79	88905	34.152	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.53	45	61113m	32.139	ng		
17) 2-Methylphenol	8.46	107	73683	37.420	ng	#	88
18) Hexachloroethane	9.09	117	36541	39.859	ng		93
19) n-Nitroso-di-n-propylamine	8.81	70	77004m	31.900	ng		
20) 3+4-Methylphenols	8.78	107	100222	36.689	ng		92
22) Acetophenone	8.83	105	142466	37.307	ng	#	95
24) Nitrobenzene	9.21	77	113597	38.425	ng	#	93
25) Isophorone	9.73	82	187698	34.396	ng		98
26) 2-Nitrophenol	9.92	139	45338	43.181	ng	#	76
27) 2,4-Dimethylphenol	9.98	122	67589	38.030	ng		87
28) bis(2-Chloroethoxy)methane	10.21	93	108169	35.974	ng		98
29) 2,4-Dichlorophenol	10.47	162	84426	41.614	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	104208	41.889	ng		97
31) Naphthalene	10.86	128	244127	38.164	ng		96
32) Benzoic acid	10.16	122	39121m	32.698	ng		
33) 4-Chloroaniline	10.97	127	103379	37.080	ng	#	91
34) Hexachlorobutadiene	11.14	225	86033	44.349	ng		99
35) Caprolactam	11.75	113	32444m	37.265	ng		
36) 4-Chloro-3-methylphenol	12.09	107	110814	40.750	ng		89
37) 2-Methylnaphthalene	12.46	142	184252	38.662	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	137823	40.126	ng		98
40) Hexachlorocyclopentadiene	12.81	237	61762	34.287	ng		87

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	81220	40.435	ng		95
43) 2,4,5-Trichlorophenol	13.15	196	93551	41.633	ng		98
45) 1,1'-Biphenyl	13.47	154	264877	37.543	ng		97
46) 2-Chloronaphthalene	13.51	162	210912	38.432	ng		98
47) 2-Nitroaniline	13.72	65	77953	40.179	ng		93
48) Acenaphthylene	14.36	152	351085	38.191	ng		97
49) Dimethylphthalate	14.09	163	302831	37.982	ng		97
50) 2,6-Dinitrotoluene	14.21	165	67575	41.620	ng		91
51) Acenaphthene	14.70	154	216139	37.743	ng		96
52) 3-Nitroaniline	14.54	138	66783	40.244	ng	#	88
53) 2,4-Dinitrophenol	14.76	184	33391	43.284	ng	#	70
54) Dibenzofuran	15.03	168	359619	39.486	ng		94
55) 4-Nitrophenol	14.87	139	52996	44.843	ng	#	85
56) 2,4-Dinitrotoluene	15.00	165	104580	44.897	ng	#	86
57) Fluorene	15.68	166	305477	40.019	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	91331	42.391	ng		91
59) Diethylphthalate	15.45	149	321210	39.179	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	182389	40.653	ng		96
61) 4-Nitroaniline	15.71	138	70633	40.690	ng	#	79
62) Azobenzene	15.97	77	298498	36.912	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	62892	41.748	ng		80
65) n-Nitrosodiphenylamine	15.89	169	294006	38.167	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	124640	39.698	ng		94
67) Hexachlorobenzene	16.69	284	128598	39.773	ng		92
68) Atrazine	16.84	200	107427	33.872	ng		97
69) Pentachlorophenol	17.03	266	66443	33.738	ng		97
70) Phenanthrene	17.42	178	520815	38.568	ng		99
71) Anthracene	17.51	178	516780	38.433	ng		98
72) Carbazole	17.79	167	488036	38.219	ng		97
73) Di-n-butylphthalate	18.33	149	567979	37.639	ng	#	98
74) Fluoranthene	19.43	202	716691	39.401	ng		96
76) Benzidine	19.61	184	292172	35.651	ng		98
77) Pyrene	19.79	202	739561	37.520	ng		98
79) Butylbenzylphthalate	20.67	149	270348	38.354	ng	#	96
80) Benzo(a)anthracene	21.62	228	731676	37.665	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	257202	37.972	ng	#	96
82) Chrysene	21.69	228	674400	37.463	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	381137	39.773	ng		99
84) Di-n-octyl phthalate	22.72	149	635546	39.610	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.46	276	767163	38.492	ng	#	53
87) Benzo(b)fluoranthene	23.82	252	699229	37.780	ng	#	95
88) Benzo(k)fluoranthene	23.89	252	709135	39.191	ng	#	97
89) Benzo(a)pyrene	24.68	252	654527	38.013	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	637619	37.720	ng	#	94
91) Benzo(g,h,i)perylene	29.59	276	637102	38.516	ng	#	94

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

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