Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG021618\
Data File : BG032738.D
Acq On : 16 Feb 2018 14:27
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/19/2018 3:40:33 PM

Quant Time: Feb 16 18:35:31 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 18:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.62	152	23568	20.00	ng		0.00
21) Naphthalene-d8	11.50	136	100523	20.00	ng		0.00
38) Acenaphthene-d10	15.27	164	79536	20.00	ng		0.00
63) Phenanthrene-d10	18.01	188	248823	20.00	ng		0.00
75) Chrysene-d12	22.33	240	361311	20.00	ng		0.00
86) Perylene-d12	25.95	264	387652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.07	112	99042	84.31	ng		0.00
7) Phenol-d6	7.75	99	127626	79.46	ng		0.00
23) Nitrobenzene-d5	9.83	82	128862	81.47	ng		0.00
41) 2,4,6-Tribromophenol	16.75	330	144319	117.84	ng		0.00
44) 2-Fluorobiphenyl	13.90	172	468839	73.71	ng		0.00
78) Terphenyl-d14	20.56	244	1180451	74.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.75	88	21232	43.208	ng	#	71
3) Pyridine	4.20	79	46669	37.027	ng	#	86
4) n-Nitrosodimethylamine	4.11	42	21470	36.251	ng	#	75
6) Aniline	7.92	93	84722	44.628	ng		93
8) 2-Chlorophenol	8.18	128	66075	48.916	ng	#	76
9) Benzaldehyde	7.73	77	32132	33.849	ng	#	83
10) Phenol	7.78	94	61833	39.581	ng		91
11) bis(2-Chloroethyl)ether	8.02	93	52377	41.822	ng	#	80
12) 1,3-Dichlorobenzene	8.51	146	74887	39.309	ng		96
13) 1,4-Dichlorobenzene	8.66	146	73789	39.205	ng		92
14) 1,2-Dichlorobenzene	8.99	146	84573	44.551	ng		97
15) Benzyl Alcohol	8.87	79	55334	45.962	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.16	45	48838	36.234	ng		64
17) 2-Methylphenol	9.07	107	51876m	46.890	ng		
18) Hexachloroethane	9.74	117	25989	37.817	ng	#	84
19) n-Nitroso-di-n-propylamine	9.44	70	45811	42.424	ng	#	89
20) 3+4-Methylphenols	9.40	107	75053	44.885	ng		89
22) Acetophenone	9.47	105	102257	47.831	ng	#	97
24) Nitrobenzene	9.87	77	67583	40.810	ng	#	83
25) Isophorone	10.38	82	109140	36.192	ng	#	78
26) 2-Nitrophenol	10.60	139	34986	39.500	ng	#	73
27) 2,4-Dimethylphenol	10.63	122	50225	43.160	ng		98
28) bis(2-Chloroethoxy)methane	10.87	93	57060	37.014	ng	#	94
29) 2,4-Dichlorophenol	11.14	162	67955	39.899	ng		92
30) 1,2,4-Trichlorobenzene	11.35	180	87955	36.836	ng		98
31) Naphthalene	11.55	128	192470	39.432	ng		98
32) Benzoic acid	10.78	122	41375	44.702	ng	#	76
33) 4-Chloroaniline	11.65	127	83763	43.250	ng	#	92
34) Hexachlorobutadiene	11.82	225	69174	35.349	ng		98
35) Caprolactam	12.42	113	21562	44.581	ng	#	51
36) 4-Chloro-3-methylphenol	12.74	107	65773	42.933	ng	#	87
37) 2-Methylnaphthalene	13.13	142	166072	41.946	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.49	216	128266	34.144	ng	#	98
40) Hexachlorocyclopentadiene	13.46	237	105162	44.236	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.72	196	71830	38.310	ng		99
43) 2,4,5-Trichlorophenol	13.79	196	84403	36.123	ng	#	92
45) 1,1'-Biphenyl	14.11	154	249140	38.070	ng		97
46) 2-Chloronaphthalene	14.16	162	192547	37.181	ng		95
47) 2-Nitroaniline	14.36	65	42645	37.857	ng	#	76
48) Acenaphthylene	15.00	152	308383	40.476	ng		98
49) Dimethylphthalate	14.70	163	276140	40.165	ng	#	99
50) 2,6-Dinitrotoluene	14.84	165	59945	42.337	ng	#	70
51) Acenaphthene	15.34	154	225608	43.361	ng		98
52) 3-Nitroaniline	15.17	138	51322	41.046	ng	#	69
53) 2,4-Dinitrophenol	15.37	184	41758	58.297	ng	#	60
54) Dibenzofuran	15.67	168	308157	39.808	ng		98
55) 4-Nitrophenol	15.46	139	37120	42.769	ng	#	76
56) 2,4-Dinitrotoluene	15.61	165	85458	43.804	ng	#	70
57) Fluorene	16.31	166	264181	41.498	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.88	232	92402	42.004	ng	#	82
59) Diethylphthalate	16.05	149	279662	41.806	ng		99
60) 4-Chlorophenyl-phenylether	16.29	204	166369	39.581	ng		97
61) 4-Nitroaniline	16.34	138	56680	43.968	ng		81
62) Azobenzene	16.58	77	163289	37.993	ng		85
64) 4,6-Dinitro-2-methylphenol	16.38	198	60327	34.867	ng	#	67
65) n-Nitrosodiphenylamine	16.51	169	244898	33.559	ng		100
66) 4-Bromophenyl-phenylether	17.18	248	133418	37.466	ng		94
67) Hexachlorobenzene	17.31	284	159458	41.692	ng	#	91
68) Atrazine	17.44	200	120600	38.530	ng		98
69) Pentachlorophenol	17.65	266	103982	44.409	ng		98
70) Phenanthrene	18.05	178	528791	39.561	ng		99
71) Anthracene	18.14	178	561074	41.025	ng		99
72) Carbazole	18.40	167	501726	43.027	ng		98
73) Di-n-butylphthalate	18.92	149	578353	44.050	ng		99
74) Fluoranthene	20.03	202	789658	44.253	ng		94
76) Benzidine	20.19	184	222070	26.101	ng		99
77) Pyrene	20.38	202	812326	37.791	ng		98
79) Butylbenzylphthalate	21.24	149	256265	36.191	ng	#	78
80) Benzo(a)anthracene	22.31	228	782834	34.605	ng		98
81) 3,3'-Dichlorobenzidine	22.21	252	318619	37.713	ng	#	94
82) Chrysene	22.38	228	821663	36.835	ng		97
83) Bis(2-ethylhexyl)phthalate	22.15	149	387489	37.948	ng	#	97
84) Di-n-octyl phthalate	23.50	149	607804	37.939	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.12	276	1047378	39.636	ng	#	85
87) Benzo(b)fluoranthene	24.79	252	660350	28.584	ng	#	93
88) Benzo(k)fluoranthene	24.87	252	654943	27.393	ng	#	95
89) Benzo(a)pyrene	25.78	252	852400	37.874	ng	#	96
90) Dibenzo(a,h)anthracene	30.21	278	881712	39.352	ng	#	93
91) Benzo(g,h,i)perylene	31.44	276	872789	40.296	ng	#	90

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

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