Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032963.D
Acq On : 3 Mar 2018 2:40
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/5/2018 3:18:17 PM

Quant Time: Mar 03 04:46:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	72964	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	338022	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	193624	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	416124	20.00	ng		0.00
75) Chrysene-d12	22.62	240	373005	20.00	ng		0.00
86) Perylene-d12	26.42	264	405790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	362006	79.38	ng		0.00
7) Phenol-d6	8.01	99	507146	79.78	ng		0.00
23) Nitrobenzene-d5	10.12	82	454060	92.26	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	165397	81.24	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	982732	73.20	ng		0.00
78) Terphenyl-d14	20.78	244	1201148	72.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	74502	37.640	ng		94
3) Pyridine	4.43	79	223135	40.902	ng		96
4) n-Nitrosodimethylamine	4.33	42	97011	44.354	ng	#	90
6) Aniline	8.20	93	324845	37.752	ng		98
8) 2-Chlorophenol	8.46	128	195850	39.234	ng		94
9) Benzaldehyde	8.02	77	128085	34.960	ng		93
10) Phenol	8.04	94	256752	40.066	ng		95
11) bis(2-Chloroethyl)ether	8.29	93	195349	37.281	ng		96
12) 1,3-Dichlorobenzene	8.80	146	218250	37.328	ng		97
13) 1,4-Dichlorobenzene	8.96	146	220647	37.491	ng		98
14) 1,2-Dichlorobenzene	9.29	146	211964	37.584	ng		99
15) Benzyl Alcohol	9.14	79	184519	39.483	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.44	45	370295	41.108	ng		99
17) 2-Methylphenol	9.34	107	183604	38.855	ng		96
18) Hexachloroethane	10.04	117	80494	40.170	ng	#	85
19) n-Nitroso-di-n-propylamine	9.73	70	173470	38.653	ng	#	94
20) 3+4-Methylphenols	9.68	107	260777	39.690	ng		93
22) Acetophenone	9.76	105	322300	37.755	ng	#	97
24) Nitrobenzene	10.16	77	235788	44.307	ng		91
25) Isophorone	10.68	82	442748	37.317	ng		95
26) 2-Nitrophenol	10.89	139	109880	54.885	ng		94
27) 2,4-Dimethylphenol	10.91	122	193844	37.610	ng		91
28) bis(2-Chloroethoxy)methane	11.16	93	258294	37.371	ng		96
29) 2,4-Dichlorophenol	11.42	162	185985	39.759	ng		95
30) 1,2,4-Trichlorobenzene	11.65	180	201998	36.839	ng		96
31) Naphthalene	11.86	128	662390	37.502	ng		99
32) Benzoic acid	11.04	122	150170	47.151	ng		86
33) 4-Chloroaniline	11.94	127	296125	37.496	ng		96
34) Hexachlorobutadiene	12.12	225	114415	37.200	ng		95
35) Caprolactam	12.69	113	75678	40.404	ng		92
36) 4-Chloro-3-methylphenol	13.00	107	223423	41.044	ng		93
37) 2-Methylnaphthalene	13.40	142	479710	37.540	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	212134	36.907	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	114856	39.210	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	147547	40.705	ng		96
43) 2,4,5-Trichlorophenol	14.05	196	173246	41.296	ng	#	96
45) 1,1'-Biphenyl	14.37	154	625484	36.968	ng		95
46) 2-Chloronaphthalene	14.43	162	468246	37.048	ng		96
47) 2-Nitroaniline	14.61	65	163147	50.532	ng		95
48) Acenaphthylene	15.27	152	766729	37.053	ng		99
49) Dimethylphthalate	14.95	163	599777	36.482	ng		99
50) 2,6-Dinitrotoluene	15.08	165	129860	47.774	ng		93
51) Acenaphthene	15.59	154	491297	38.123	ng		97
52) 3-Nitroaniline	15.42	138	151284	45.420	ng	#	85
53) 2,4-Dinitrophenol	15.61	184	51586	64.903	ng	#	1
54) Dibenzofuran	15.92	168	674048	36.733	ng		94
55) 4-Nitrophenol	15.68	139	98455	40.414	ng		85
56) 2,4-Dinitrotoluene	15.86	165	179949	54.594	ng		90
57) Fluorene	16.56	166	552240	36.463	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.13	232	131100m	40.250	ng		
59) Diethylphthalate	16.29	149	636559	36.710	ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	274515	37.052	ng		92
61) 4-Nitroaniline	16.57	138	147073	42.060	ng		85
62) Azobenzene	16.83	77	572884	36.929	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	80873	60.406	ng		97
65) n-Nitrosodiphenylamine	16.75	169	510236	37.692	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	163429	37.142	ng	#	88
67) Hexachlorobenzene	17.56	284	172691	36.318	ng	#	93
68) Atrazine	17.67	200	161958	36.347	ng		95
69) Pentachlorophenol	17.89	266	119100	39.765	ng		99
70) Phenanthrene	18.30	178	866713	37.333	ng		98
71) Anthracene	18.39	178	866342	37.170	ng		98
72) Carbazole	18.64	167	824588	35.894	ng	#	96
73) Di-n-butylphthalate	19.14	149	1061632	37.669	ng		99
74) Fluoranthene	20.25	202	937624	36.562	ng		94
76) Benzidine	20.41	184	312148	24.551	ng		97
77) Pyrene	20.61	202	972819	36.983	ng		97
79) Butylbenzylphthalate	21.48	149	489969	42.012	ng		92
80) Benzo(a)anthracene	22.60	228	896104	37.464	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	329347	37.178	ng	#	97
82) Chrysene	22.67	228	866061	37.904	ng		99
83) Bis(2-ethylhexyl)phthalate	22.43	149	702701	40.705	ng		97
84) Di-n-octyl phthalate	23.84	149	1134024	43.097	ng		100
85) Indeno(1,2,3-cd)pyrene	30.84	276	973417	36.530	ng		99
87) Benzo(b)fluoranthene	25.20	252	895157	37.309	ng	#	96
88) Benzo(k)fluoranthene	25.28	252	889553	37.305	ng	#	96
89) Benzo(a)pyrene	26.25	252	856388	37.527	ng	#	95
90) Dibenzo(a,h)anthracene	30.93	278	794796	34.601	ng	#	94
91) Benzo(g,h,i)perylene	32.25	276	796874	35.192	ng	#	90

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

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