Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031914.D
Acq On : 4 Jan 2018 14:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/5/2018 10:32:47 AM

Quant Time: Jan 05 03:26:52 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	47184	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	209305	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	141903	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	364129	20.00	ng		0.00
75) Chrysene-d12	22.50	240	415926	20.00	ng		0.00
86) Perylene-d12	26.24	264	433367	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	202874	78.31	ng		0.00
7) Phenol-d6	7.89	99	278361	82.76	ng		0.00
23) Nitrobenzene-d5	9.99	82	245301	88.50	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	205174	94.76	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	880300	77.86	ng		0.00
78) Terphenyl-d14	20.69	244	1420042	78.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	36159	37.654	ng	#	71
3) Pyridine	4.32	79	110132	42.905	ng	#	77
4) n-Nitrosodimethylamine	4.22	42	43520	42.016	ng	#	73
6) Aniline	8.08	93	172296	39.816	ng		93
8) 2-Chlorophenol	8.33	128	119631	39.811	ng		84
9) Benzaldehyde	7.89	77	74263	36.669	ng	#	81
10) Phenol	7.92	94	135482	39.898	ng		89
11) bis(2-Chloroethyl)ether	8.17	93	105230	37.314	ng	#	80
12) 1,3-Dichlorobenzene	8.67	146	142625	38.220	ng	#	91
13) 1,4-Dichlorobenzene	8.82	146	149694	39.269	ng		92
14) 1,2-Dichlorobenzene	9.16	146	142054	39.328	ng		95
15) Benzyl Alcohol	9.02	79	105201	41.666	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.32	45	82374	35.868	ng		80
17) 2-Methylphenol	9.22	107	100260	41.265	ng		97
18) Hexachloroethane	9.92	117	44882	38.875	ng	#	85
19) n-Nitroso-di-n-propylamine	9.60	70	91113	39.666	ng	#	81
20) 3+4-Methylphenols	9.56	107	141370	40.939	ng		94
22) Acetophenone	9.63	105	187080	38.472	ng	#	86
24) Nitrobenzene	10.03	77	120919	42.328	ng	#	84
25) Isophorone	10.56	82	233489	39.131	ng	#	84
26) 2-Nitrophenol	10.76	139	78206	52.213	ng	#	86
27) 2,4-Dimethylphenol	10.79	122	122744	38.943	ng		90
28) bis(2-Chloroethoxy)methane	11.03	93	148800	37.165	ng	#	94
29) 2,4-Dichlorophenol	11.30	162	149188	40.319	ng		93
30) 1,2,4-Trichlorobenzene	11.53	180	171619	37.987	ng		95
31) Naphthalene	11.73	128	409853	38.800	ng		99
32) Benzoic acid	10.90	122	107507m	49.737	ng		
33) 4-Chloroaniline	11.81	127	184136	39.154	ng	#	91
34) Hexachlorobutadiene	11.99	225	120067	38.711	ng		95
35) Caprolactam	12.57	113	50425	44.959	ng	#	46
36) 4-Chloro-3-methylphenol	12.88	107	143034	41.856	ng	#	85
37) 2-Methylnaphthalene	13.28	142	333057	38.894	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	236934	39.640	ng	#	95
40) Hexachlorocyclopentadiene	13.61	237	135724	43.044	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	148231	43.014	ng		96
43) 2,4,5-Trichlorophenol	13.93	196	163797	42.890	ng	#	90
45) 1,1'-Biphenyl	14.26	154	478788	39.504	ng		96
46) 2-Chloronaphthalene	14.31	162	364393	39.417	ng		96
47) 2-Nitroaniline	14.50	65	83436	52.258	ng	#	62
48) Acenaphthylene	15.15	152	593717	40.144	ng		99
49) Dimethylphthalate	14.85	163	507498	40.596	ng		100
50) 2,6-Dinitrotoluene	14.97	165	110631	48.106	ng	#	66
51) Acenaphthene	15.49	154	402317	41.536	ng		98
52) 3-Nitroaniline	15.30	138	107628	47.969	ng	#	73
53) 2,4-Dinitrophenol	15.50	184	53761	57.411	ng	#	40
54) Dibenzofuran	15.81	168	596489	40.174	ng		97
55) 4-Nitrophenol	15.58	139	88926	48.696	ng	#	73
56) 2,4-Dinitrotoluene	15.75	165	158155	53.483	ng	#	63
57) Fluorene	16.45	166	483624	40.095	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	164494	44.147	ng	#	84
59) Diethylphthalate	16.19	149	492376	40.410	ng		97
60) 4-Chlorophenyl-phenylether	16.44	204	295531	40.044	ng		91
61) 4-Nitroaniline	16.46	138	113120	51.665	ng		82
62) Azobenzene	16.73	77	312224	39.957	ng		84
64) 4,6-Dinitro-2-methylphenol	16.51	198	101612	55.742	ng	#	67
65) n-Nitrosodiphenylamine	16.64	169	467030	38.618	ng		99
66) 4-Bromophenyl-phenylether	17.32	248	207090	39.329	ng		95
67) Hexachlorobenzene	17.45	284	218139	40.526	ng	#	88
68) Atrazine	17.57	200	189702	40.341	ng		98
69) Pentachlorophenol	17.79	266	169606	45.810	ng		97
70) Phenanthrene	18.19	178	797656	38.708	ng		99
71) Anthracene	18.29	178	811527	39.040	ng		99
72) Carbazole	18.54	167	735316	39.966	ng		99
73) Di-n-butylphthalate	19.05	149	825830	40.389	ng		99
74) Fluoranthene	20.16	202	1003696	39.696	ng		96
76) Benzidine	20.32	184	405694	31.602	ng		98
77) Pyrene	20.51	202	1021049	38.431	ng		98
79) Butylbenzylphthalate	21.38	149	372733	41.792	ng	#	74
80) Benzo(a)anthracene	22.48	228	1024601	38.726	ng		99
81) 3,3'-Dichlorobenzidine	22.37	252	403227	39.308	ng		97
82) Chrysene	22.55	228	960590	38.373	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	507951	39.311	ng	#	98
84) Di-n-octyl phthalate	23.72	149	837752	38.497	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.59	276	1208824	37.640	ng	#	90
87) Benzo(b)fluoranthene	25.03	252	1047056	38.923	ng	#	96
88) Benzo(k)fluoranthene	25.12	252	1039623	38.617	ng	#	97
89) Benzo(a)pyrene	26.06	252	988288	38.360	ng	#	96
90) Dibenzo(a,h)anthracene	30.66	278	1019854	38.328	ng	#	95
91) Benzo(g,h,i)perylene	30.59	276	1208824	38.479	ng	#	92

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

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