Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033177.D
Acq On : 15 Mar 2018 15:21
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/16/2018 12:07:28 PM

Quant Time: Mar 16 05:18:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	45166	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	206421	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	125040	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	301209	20.00	ng		0.00
75) Chrysene-d12	22.61	240	290873	20.00	ng		0.00
86) Perylene-d12	26.41	264	329949	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	211970	75.08	ng		0.00
7) Phenol-d6	8.01	99	293793	74.66	ng		0.00
23) Nitrobenzene-d5	10.10	82	283666	94.16	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	150995	114.85	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	638724	73.67	ng		0.00
78) Terphenyl-d14	20.77	244	963289	74.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	45514	37.147	ng		93
3) Pyridine	4.42	79	119286	35.323	ng		88
4) n-Nitrosodimethylamine	4.32	42	61500	45.424	ng	#	74
6) Aniline	8.19	93	190660	35.794	ng		98
8) 2-Chlorophenol	8.45	128	116074	37.563	ng		94
9) Benzaldehyde	8.00	77	82603	36.422	ng		93
10) Phenol	8.04	94	146931	37.041	ng		98
11) bis(2-Chloroethyl)ether	8.28	93	112478	34.677	ng		94
12) 1,3-Dichlorobenzene	8.78	146	134745	37.230	ng		98
13) 1,4-Dichlorobenzene	8.94	146	135214	37.115	ng		96
14) 1,2-Dichlorobenzene	9.26	146	130266	37.314	ng		99
15) Benzyl Alcohol	9.14	79	114987	39.748	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.42	45	210996	37.839	ng		99
17) 2-Methylphenol	9.34	107	105070	35.920	ng		98
18) Hexachloroethane	10.02	117	49389	39.816	ng		91
19) n-Nitroso-di-n-propylamine	9.71	70	100852	36.303	ng	#	91
20) 3+4-Methylphenols	9.67	107	154574	38.006	ng		95
22) Acetophenone	9.74	105	191006	36.639	ng	#	98
24) Nitrobenzene	10.15	77	146061	44.852	ng		96
25) Isophorone	10.66	82	266500	36.783	ng		97
26) 2-Nitrophenol	10.87	139	70453	56.830	ng		96
27) 2,4-Dimethylphenol	10.90	122	112278	35.673	ng		93
28) bis(2-Chloroethoxy)methane	11.14	93	144821	34.311	ng		96
29) 2,4-Dichlorophenol	11.41	162	113366	39.686	ng		97
30) 1,2,4-Trichlorobenzene	11.64	180	127700	38.136	ng		97
31) Naphthalene	11.84	128	399331	37.022	ng		99
32) Benzoic acid	11.02	122	87239m	45.564	ng		
33) 4-Chloroaniline	11.93	127	176327	36.561	ng		97
34) Hexachlorobutadiene	12.10	225	79154	42.143	ng		97
35) Caprolactam	12.70	113	49549	43.319	ng		98
36) 4-Chloro-3-methylphenol	12.99	107	142814	42.961	ng		95
37) 2-Methylnaphthalene	13.38	142	288906	37.022	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	146235	39.397	ng	#	98
40) Hexachlorocyclopentadiene	13.71	237	74179	39.213	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	101336	43.291	ng		95
43) 2,4,5-Trichlorophenol	14.04	196	118466	43.727	ng	#	97
45) 1,1'-Biphenyl	14.36	154	390283	35.719	ng		98
46) 2-Chloronaphthalene	14.42	162	291717	35.740	ng		93
47) 2-Nitroaniline	14.60	65	110343	52.457	ng		94
48) Acenaphthylene	15.25	152	493874	36.958	ng		100
49) Dimethylphthalate	14.95	163	395697	37.270	ng		99
50) 2,6-Dinitrotoluene	15.07	165	86832	49.151	ng		92
51) Acenaphthene	15.59	154	321129	38.586	ng		97
52) 3-Nitroaniline	15.41	138	100597	46.544	ng	#	88
53) 2,4-Dinitrophenol	15.60	184	38644	72.362	ng	#	57
54) Dibenzofuran	15.91	168	441939	37.294	ng		92
55) 4-Nitrophenol	15.69	139	75555	46.691	ng		93
56) 2,4-Dinitrotoluene	15.85	165	125909	57.953	ng		89
57) Fluorene	16.55	166	368703	37.697	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	101063	48.047	ng		91
59) Diethylphthalate	16.28	149	432627	38.634	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	188244	39.344	ng	#	90
61) 4-Nitroaniline	16.57	138	103470	45.347	ng		94
62) Azobenzene	16.82	77	365710	36.505	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	67117	66.334	ng		94
65) n-Nitrosodiphenylamine	16.74	169	344756	35.184	ng		99
66) 4-Bromophenyl-phenylether	17.42	248	123663	38.827	ng	#	92
67) Hexachlorobenzene	17.55	284	139498	40.530	ng		98
68) Atrazine	17.66	200	118465	36.729	ng		95
69) Pentachlorophenol	17.89	266	105287	48.565	ng		99
70) Phenanthrene	18.29	178	605939	36.058	ng		99
71) Anthracene	18.38	178	619206	36.703	ng		99
72) Carbazole	18.64	167	598181	35.972	ng		98
73) Di-n-butylphthalate	19.13	149	730501	35.808	ng		99
74) Fluoranthene	20.24	202	707035	38.089	ng		97
76) Benzidine	20.40	184	347344	35.033	ng		99
77) Pyrene	20.60	202	722159	35.206	ng		98
79) Butylbenzylphthalate	21.46	149	332356	36.545	ng		94
80) Benzo(a)anthracene	22.58	228	685516	36.752	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	272642	39.467	ng		97
82) Chrysene	22.66	228	657529	36.903	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	467789	34.749	ng		96
84) Di-n-octyl phthalate	23.82	149	753737	36.733	ng		100
85) Indeno(1,2,3-cd)pyrene	30.84	276	838812	40.367	ng	#	93
87) Benzo(b)fluoranthene	25.18	252	703458	36.058	ng		100
88) Benzo(k)fluoranthene	25.27	252	687859	35.477	ng		99
89) Benzo(a)pyrene	26.23	252	671134	36.169	ng		99
90) Dibenzo(a,h)anthracene	30.91	278	701511	37.559	ng		98
91) Benzo(g,h,i)perylene	32.23	276	684575	37.182	ng		96

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

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