Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033666.D
Acq On : 7 Apr 2018 16:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/9/2018 5:04:19 PM

Quant Time: Apr 09 03:30:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35682	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	170736	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	134297	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	319152	20.00	ng		0.00
75) Chrysene-d12	22.56	240	316247	20.00	ng		0.00
86) Perylene-d12	26.32	264	339603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	160898	84.55	ng		0.00
7) Phenol-d6	7.98	99	287809	88.03	ng		0.00
23) Nitrobenzene-d5	10.06	82	294709	79.30	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	137017	68.22	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	709075	76.22	ng		0.00
78) Terphenyl-d14	20.73	244	1127986	76.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	37321	38.620	ng		89
3) Pyridine	4.39	79	116922	43.768	ng		96
4) n-Nitrosodimethylamine	4.30	42	43692	39.854	ng	#	88
6) Aniline	8.15	93	167400	43.537	ng		96
8) 2-Chlorophenol	8.41	128	93967	43.194	ng		92
9) Benzaldehyde	7.96	77	68418	32.927	ng		96
10) Phenol	8.00	94	145651	45.119	ng		90
11) bis(2-Chloroethyl)ether	8.25	93	111730	42.404	ng		96
12) 1,3-Dichlorobenzene	8.74	146	112964	39.718	ng		94
13) 1,4-Dichlorobenzene	8.90	146	111168	39.028	ng		99
14) 1,2-Dichlorobenzene	9.23	146	113550	40.845	ng		99
15) Benzyl Alcohol	9.10	79	114844	44.612	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.37	45	188328	43.844	ng		92
17) 2-Methylphenol	9.30	107	99645m	45.312	ng		
18) Hexachloroethane	9.98	117	45865	41.720	ng		98
19) n-Nitroso-di-n-propylamine	9.66	70	103822	43.334	ng	#	98
20) 3+4-Methylphenols	9.63	107	137482	43.909	ng		90
22) Acetophenone	9.70	105	184052	39.348	ng	#	99
24) Nitrobenzene	10.11	77	151578	38.107	ng		93
25) Isophorone	10.62	82	289101	40.083	ng		100
26) 2-Nitrophenol	10.83	139	60767	40.352	ng	#	84
27) 2,4-Dimethylphenol	10.86	122	93299	42.648	ng		89
28) bis(2-Chloroethoxy)methane	11.10	93	136432	37.912	ng		95
29) 2,4-Dichlorophenol	11.37	162	112373	41.768	ng		95
30) 1,2,4-Trichlorobenzene	11.60	180	134748	38.549	ng		98
31) Naphthalene	11.79	128	353263	39.928	ng		98
32) Benzoic acid	11.01	122	48261	23.731	ng	#	86
33) 4-Chloroaniline	11.89	127	152616	38.501	ng	#	90
34) Hexachlorobutadiene	12.05	225	99346	37.583	ng		99
35) Caprolactam	12.64	113	43991	41.737	ng	#	84
36) 4-Chloro-3-methylphenol	12.96	107	147773	42.113	ng		93
37) 2-Methylnaphthalene	13.35	142	274863	40.025	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	177756	36.541	ng		98
40) Hexachlorocyclopentadiene	13.67	237	89445	31.365	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	104379	36.931	ng		98
43) 2,4,5-Trichlorophenol	14.00	196	130363	39.022	ng		97
45) 1,1'-Biphenyl	14.32	154	409287	39.668	ng		97
46) 2-Chloronaphthalene	14.37	162	313743	39.437	ng		94
47) 2-Nitroaniline	14.57	65	123555	41.465	ng		95
48) Acenaphthylene	15.21	152	524664	39.510	ng		99
49) Dimethylphthalate	14.90	163	443377	37.936	ng		100
50) 2,6-Dinitrotoluene	15.04	165	93693	39.206	ng		97
51) Acenaphthene	15.54	154	335041	39.139	ng		98
52) 3-Nitroaniline	15.38	138	96101	38.357	ng	#	95
53) 2,4-Dinitrophenol	15.57	184	35391m	33.508	ng		
54) Dibenzofuran	15.87	168	480764	38.021	ng		92
55) 4-Nitrophenol	15.66	139	48384	27.464	ng	#	77
56) 2,4-Dinitrotoluene	15.81	165	131374	37.336	ng		96
57) Fluorene	16.51	166	421530	39.131	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	118974	37.829	ng		93
59) Diethylphthalate	16.24	149	437900	38.585	ng		96
60) 4-Chlorophenyl-phenylether	16.49	204	224786	36.300	ng		99
61) 4-Nitroaniline	16.53	138	94486	37.241	ng		86
62) Azobenzene	16.78	77	440208	40.042	ng		96
64) 4,6-Dinitro-2-methylphenol	16.57	198	63981	33.511	ng		94
65) n-Nitrosodiphenylamine	16.70	169	372286	40.860	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	147174	39.266	ng		97
67) Hexachlorobenzene	17.51	284	152428	38.534	ng		98
68) Atrazine	17.62	200	144068	39.021	ng		98
69) Pentachlorophenol	17.85	266	119416	43.984	ng		98
70) Phenanthrene	18.25	178	653924	39.342	ng		98
71) Anthracene	18.34	178	662010	39.336	ng		99
72) Carbazole	18.60	167	586821	39.348	ng		98
73) Di-n-butylphthalate	19.09	149	718686	41.402	ng	#	99
74) Fluoranthene	20.20	202	789061	38.362	ng		98
76) Benzidine	20.37	184	274759m	32.038	ng		
77) Pyrene	20.56	202	815100	38.645	ng		99
79) Butylbenzylphthalate	21.42	149	325005	41.756	ng		97
80) Benzo(a)anthracene	22.54	228	789903	39.226	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	278175	38.820	ng		99
82) Chrysene	22.61	228	758879	38.931	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	453643	42.280	ng		98
84) Di-n-octyl phthalate	23.75	149	741753	45.152	ng		99
85) Indeno(1,2,3-cd)pyrene	30.70	276	789873	37.478	ng	#	84
87) Benzo(b)fluoranthene	25.12	252	750613	38.257	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	761202	38.360	ng	#	98
89) Benzo(a)pyrene	26.15	252	737037	39.116	ng		97
90) Dibenzo(a,h)anthracene	30.78	278	640861	36.108	ng		98
91) Benzo(g,h,i)perylene	32.08	276	636289	36.204	ng	#	95

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

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