Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033729.D
Acq On : 11 Apr 2018 2:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/11/2018 5:18:34 PM

Quant Time: Apr 11 04:11:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34450	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	153730	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	120723	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	315832	20.00	ng		0.00
75) Chrysene-d12	22.55	240	325350	20.00	ng		0.00
86) Perylene-d12	26.31	264	358385	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	152986	83.27	ng		0.00
7) Phenol-d6	7.97	99	247990	78.56	ng		0.00
23) Nitrobenzene-d5	10.06	82	264555	79.07	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	134045	74.24	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	620831	74.24	ng		0.00
78) Terphenyl-d14	20.73	244	1155809	75.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	36078	38.669	ng		96
3) Pyridine	4.39	79	110311	42.770	ng		98
4) n-Nitrosodimethylamine	4.30	42	43803	41.385	ng	#	84
6) Aniline	8.15	93	154602	41.646	ng	#	92
8) 2-Chlorophenol	8.41	128	85975	40.934	ng		97
9) Benzaldehyde	7.96	77	65070m	32.436	ng		
10) Phenol	7.99	94	128492	41.227	ng		91
11) bis(2-Chloroethyl)ether	8.24	93	103482	40.678	ng		98
12) 1,3-Dichlorobenzene	8.74	146	104670	38.118	ng		94
13) 1,4-Dichlorobenzene	8.89	146	103495	37.634	ng		90
14) 1,2-Dichlorobenzene	9.22	146	104964	39.107	ng		97
15) Benzyl Alcohol	9.09	79	105338	42.383	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.37	45	169339	40.833	ng		90
17) 2-Methylphenol	9.29	107	87493m	41.209	ng		
18) Hexachloroethane	9.97	117	41683	39.272	ng		95
19) n-Nitroso-di-n-propylamine	9.66	70	93695	40.506	ng	#	95
20) 3+4-Methylphenols	9.63	107	125880	41.641	ng		90
22) Acetophenone	9.70	105	164238	38.996	ng	#	94
24) Nitrobenzene	10.10	77	137254	38.323	ng		94
25) Isophorone	10.61	82	261514	40.269	ng		99
26) 2-Nitrophenol	10.83	139	53062	39.133	ng	#	87
27) 2,4-Dimethylphenol	10.86	122	81557	41.405	ng		93
28) bis(2-Chloroethoxy)methane	11.10	93	123327	38.061	ng		97
29) 2,4-Dichlorophenol	11.37	162	93078	38.424	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	119452	37.954	ng		96
31) Naphthalene	11.79	128	306410	38.463	ng		99
32) Benzoic acid	11.00	122	59204m	32.333	ng		
33) 4-Chloroaniline	11.89	127	133826	37.496	ng	#	91
34) Hexachlorobutadiene	12.05	225	88046	36.993	ng		97
35) Caprolactam	12.63	113	42576	44.863	ng	#	83
36) 4-Chloro-3-methylphenol	12.95	107	137153	43.410	ng		93
37) 2-Methylnaphthalene	13.34	142	232603	37.618	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	157384	35.991	ng		99
40) Hexachlorocyclopentadiene	13.66	237	97172	37.906	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	96308	37.906	ng		97
43) 2,4,5-Trichlorophenol	14.00	196	118290	39.390	ng		98
45) 1,1'-Biphenyl	14.32	154	356787	38.468	ng		96
46) 2-Chloronaphthalene	14.37	162	272590	38.117	ng		95
47) 2-Nitroaniline	14.56	65	112930	42.160	ng		91
48) Acenaphthylene	15.20	152	462445	38.740	ng		99
49) Dimethylphthalate	14.90	163	417231	39.713	ng		99
50) 2,6-Dinitrotoluene	15.03	165	85492	39.797	ng		96
51) Acenaphthene	15.54	154	319584	41.531	ng		97
52) 3-Nitroaniline	15.37	138	87981	39.065	ng	#	92
53) 2,4-Dinitrophenol	15.57	184	56351	53.457	ng	#	83
54) Dibenzofuran	15.87	168	435211	38.289	ng		95
55) 4-Nitrophenol	15.66	139	64652	40.824	ng		92
56) 2,4-Dinitrotoluene	15.81	165	126272	39.921	ng	#	90
57) Fluorene	16.51	166	379342	39.174	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.08	232	110909	39.230	ng		96
59) Diethylphthalate	16.24	149	416002	40.777	ng		98
60) 4-Chlorophenyl-phenylether	16.48	204	207263	37.234	ng		96
61) 4-Nitroaniline	16.53	138	94880	41.601	ng	#	83
62) Azobenzene	16.78	77	397093	40.182	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	74751	39.563	ng		97
65) n-Nitrosodiphenylamine	16.70	169	347153	38.502	ng		96
66) 4-Bromophenyl-phenylether	17.37	248	138850	37.434	ng		93
67) Hexachlorobenzene	17.51	284	148911	38.041	ng		96
68) Atrazine	17.61	200	141975	38.858	ng		98
69) Pentachlorophenol	17.85	266	90473	33.674	ng		96
70) Phenanthrene	18.25	178	627498	38.149	ng		97
71) Anthracene	18.33	178	658008	39.509	ng		99
72) Carbazole	18.60	167	588210	39.856	ng		97
73) Di-n-butylphthalate	19.09	149	713059	41.510	ng	#	98
74) Fluoranthene	20.20	202	800110	39.308	ng		97
76) Benzidine	20.36	184	369151	41.840	ng		97
77) Pyrene	20.56	202	831880	38.337	ng		100
79) Butylbenzylphthalate	21.41	149	325250	40.619	ng		97
80) Benzo(a)anthracene	22.53	228	796003	38.423	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	299050	40.565	ng		98
82) Chrysene	22.61	228	758986	37.847	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	462001	41.855	ng		98
84) Di-n-octyl phthalate	23.73	149	740611	43.821	ng		100
85) Indeno(1,2,3-cd)pyrene	30.68	276	890619	41.076	ng	#	88
87) Benzo(b)fluoranthene	25.10	252	773085	37.337	ng	#	97
88) Benzo(k)fluoranthene	25.18	252	802872m	38.339	ng		
89) Benzo(a)pyrene	26.13	252	754407	37.940	ng	#	97
90) Dibenzo(a,h)anthracene	30.76	278	743122	39.675	ng		98
91) Benzo(g,h,i)perylene	32.05	276	717916	38.707	ng	#	96

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

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