Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
Data File : BG034035.D
Acq On : 27 Apr 2018 6:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/27/2018 7:31:15 PM

Quant Time: Apr 27 08:15:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	62306	20.00	ng		-0.02
21) Naphthalene-d8	10.60	136	323638	20.00	ng		-0.03
38) Acenaphthene-d10	14.45	164	240977	20.00	ng		-0.03
63) Phenanthrene-d10	17.20	188	622635	20.00	ng		-0.03
75) Chrysene-d12	21.45	240	645314	20.00	ng		-0.04
86) Perylene-d12	24.49	264	668188	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	232179	59.49	ng		-0.01
7) Phenol-d6	7.00	99	357969	62.89	ng		0.00
23) Nitrobenzene-d5	8.98	82	368014	64.71	ng		-0.01
41) 2,4,6-Tribromophenol	15.94	330	230460	81.97	ng		-0.02
44) 2-Fluorobiphenyl	13.06	172	1204086	73.40	ng		-0.04
78) Terphenyl-d14	19.83	244	2012855	70.08	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	61715	37.425	ng	#	82
3) Pyridine	3.79	79	123412	25.866	ng		92
4) n-Nitrosodimethylamine	3.72	42	46556	21.418	ng	#	90
6) Aniline	7.15	93	203301	26.719	ng		97
8) 2-Chlorophenol	7.39	128	152915	34.969	ng		94
9) Benzaldehyde	6.98	77	77357m	22.628	ng		
10) Phenol	7.03	94	164779	28.258	ng		98
11) bis(2-Chloroethyl)ether	7.25	93	184503m	41.370	ng		
12) 1,3-Dichlorobenzene	7.71	146	196200	38.976	ng		96
13) 1,4-Dichlorobenzene	7.85	146	208554m	40.905	ng		
14) 1,2-Dichlorobenzene	8.16	146	196932	39.718	ng		96
15) Benzyl Alcohol	8.07	79	120356	24.248	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.34	45	277977	31.957	ng		82
17) 2-Methylphenol	8.27	107	114978	26.608	ng		89
18) Hexachloroethane	8.88	117	76768	41.204	ng		96
19) n-Nitroso-di-n-propylamine	8.62	70	154961	31.937	ng	#	93
20) 3+4-Methylphenols	8.59	107	170625	27.174	ng		94
22) Acetophenone	8.63	105	279312	31.709	ng	#	96
24) Nitrobenzene	9.02	77	176823	28.534	ng		98
25) Isophorone	9.52	82	427115	33.406	ng		96
26) 2-Nitrophenol	9.72	139	85378m	34.868	ng		
27) 2,4-Dimethylphenol	9.79	122	123092	26.876	ng		96
28) bis(2-Chloroethoxy)methane	10.02	93	194748	28.821	ng	#	97
29) 2,4-Dichlorophenol	10.26	162	161116	31.557	ng		93
30) 1,2,4-Trichlorobenzene	10.46	180	225551	39.443	ng		96
31) Naphthalene	10.65	128	595740	35.796	ng		98
32) Benzoic acid	9.94	122	100242m	24.718	ng		
33) 4-Chloroaniline	10.78	127	213546	27.299	ng		95
34) Hexachlorobutadiene	10.93	225	147662	43.165	ng		96
35) Caprolactam	11.54	113	73278	33.758	ng	#	78
36) 4-Chloro-3-methylphenol	11.90	107	174760	28.045	ng		86
37) 2-Methylnaphthalene	12.26	142	457944	35.939	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	292202	36.517	ng		98
40) Hexachlorocyclopentadiene	12.61	237	152729	34.713	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	160863	32.972	ng		98
43) 2,4,5-Trichlorophenol	12.95	196	210179m	37.473	ng		
45) 1,1'-Biphenyl	13.28	154	684044	35.067	ng		97
46) 2-Chloronaphthalene	13.32	162	532131	35.977	ng		99
47) 2-Nitroaniline	13.54	65	135214m	29.278	ng		
48) Acenaphthylene	14.16	152	873708	35.537	ng		99
49) Dimethylphthalate	13.91	163	765560	36.116	ng		98
50) 2,6-Dinitrotoluene	14.03	165	163449	40.688	ng	#	83
51) Acenaphthene	14.51	154	524673	33.971	ng		99
52) 3-Nitroaniline	14.38	138	134897	30.925	ng	#	82
53) 2,4-Dinitrophenol	14.58	184	13346	9.290	ng	#	80
54) Dibenzofuran	14.85	168	828224	36.170	ng		97
55) 4-Nitrophenol	14.74	139	45956	13.433	ng		84
56) 2,4-Dinitrotoluene	14.82	165	219792	41.145	ng	#	78
57) Fluorene	15.50	166	726816	36.680	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.08	232	186891	36.392	ng	#	95
59) Diethylphthalate	15.28	149	797899	35.611	ng		98
60) 4-Chlorophenyl-phenylether	15.50	204	394393	38.054	ng		96
61) 4-Nitroaniline	15.56	138	132397	28.587	ng		87
62) Azobenzene	15.79	77	612846	30.684	ng		95
64) 4,6-Dinitro-2-methylphenol	15.58	198	87279	31.664	ng		86
65) n-Nitrosodiphenylamine	15.71	169	637082	35.194	ng		98
66) 4-Bromophenyl-phenylether	16.39	248	247486	36.194	ng		100
67) Hexachlorobenzene	16.50	284	277222	38.016	ng		95
68) Atrazine	16.67	200	245785	34.659	ng		98
69) Pentachlorophenol	16.85	266	139250	27.800	ng	#	58
70) Phenanthrene	17.24	178	1140385	34.141	ng		98
71) Anthracene	17.33	178	1210863	36.250	ng		99
72) Carbazole	17.61	167	1123088	34.851	ng		99
73) Di-n-butylphthalate	18.18	149	1351193	33.704	ng		99
74) Fluoranthene	19.26	202	1435526	35.529	ng		97
76) Benzidine	19.47	184	184176	10.569	ng		98
77) Pyrene	19.62	202	1469756	34.725	ng		95
79) Butylbenzylphthalate	20.53	149	619284	33.317	ng		89
80) Benzo(a)anthracene	21.43	228	1400793	34.424	ng		98
81) 3,3'-Dichlorobenzidine	21.37	252	521864	34.395	ng		98
82) Chrysene	21.50	228	1415784	36.435	ng		97
83) Bis(2-ethylhexyl)phthalate	21.36	149	892002	33.981	ng		97
84) Di-n-octyl phthalate	22.52	149	1411408	33.874	ng		95
85) Indeno(1,2,3-cd)pyrene	27.95	276	1646100	37.215	ng		99
87) Benzo(b)fluoranthene	23.53	252	1433875	35.176	ng		98
88) Benzo(k)fluoranthene	23.60	252	1454742	35.927	ng		98
89) Benzo(a)pyrene	24.36	252	1393972	35.707	ng		100
90) Dibenzo(a,h)anthracene	28.00	278	1365852	36.157	ng		99
91) Benzo(g,h,i)perylene	29.02	276	1367142	36.780	ng		98

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

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