Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
Data File : BG033196.D
Acq On : 16 Mar 2018 12:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/19/2018 2:20:38 PM

Quant Time: Mar 17 05:22:42 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	8.90	152	36011	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	158207	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	121484	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	315687	20.00	ng		0.00
75) Chrysene-d12	22.60	240	317467	20.00	ng		0.00
86) Perylene-d12	26.40	264	342545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	168460	74.84	ng		0.00
7) Phenol-d6	8.00	99	272645	86.90	ng		-0.01
23) Nitrobenzene-d5	10.10	82	287182	121.19	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	141493	110.77	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	672117	79.79	ng		0.00
78) Terphenyl-d14	20.76	244	1113239	78.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	36626	37.493	ng		95
3) Pyridine	4.42	79	119593	44.417	ng		95
4) n-Nitrosodimethylamine	4.32	42	51922	48.099	ng	#	88
6) Aniline	8.19	93	173512	40.857	ng	#	95
8) 2-Chlorophenol	8.45	128	91166	37.003	ng		94
9) Benzaldehyde	8.00	77	69845	38.626	ng		98
10) Phenol	8.03	94	134696	42.589	ng		89
11) bis(2-Chloroethyl)ether	8.28	93	103510	40.025	ng		99
12) 1,3-Dichlorobenzene	8.78	146	112446	38.967	ng		96
13) 1,4-Dichlorobenzene	8.93	146	111019	38.221	ng		97
14) 1,2-Dichlorobenzene	9.26	146	107350	38.567	ng		92
15) Benzyl Alcohol	9.13	79	116977	50.716	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.42	45	185534	41.732	ng		92
17) 2-Methylphenol	9.33	107	95059	40.760	ng	#	89
18) Hexachloroethane	10.02	117	41729	42.194	ng		97
19) n-Nitroso-di-n-propylamine	9.71	70	105151	47.473	ng		96
20) 3+4-Methylphenols	9.67	107	145511	44.873	ng		93
22) Acetophenone	9.74	105	190078	47.573	ng	#	97
24) Nitrobenzene	10.14	77	154178	59.366	ng		92
25) Isophorone	10.66	82	282932	50.952	ng		99
26) 2-Nitrophenol	10.87	139	59606	60.970	ng	#	91
27) 2,4-Dimethylphenol	10.90	122	88696	36.769	ng		95
28) bis(2-Chloroethoxy)methane	11.14	93	142708	44.115	ng		99
29) 2,4-Dichlorophenol	11.41	162	104346	47.660	ng		95
30) 1,2,4-Trichlorobenzene	11.64	180	120887	47.104	ng		95
31) Naphthalene	11.83	128	339448	41.061	ng		98
32) Benzoic acid	11.00	122	54758m	39.722	ng		
33) 4-Chloroaniline	11.93	127	153991	41.660	ng	#	92
34) Hexachlorobutadiene	12.09	225	84953	59.014	ng		95
35) Caprolactam	12.68	113	45024	51.359	ng		96
36) 4-Chloro-3-methylphenol	12.99	107	146529	57.512	ng		93
37) 2-Methylnaphthalene	13.38	142	258393	43.203	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	171431	47.537	ng		100
40) Hexachlorocyclopentadiene	13.71	237	82833	45.069	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	107747	47.377	ng		98
43) 2,4,5-Trichlorophenol	14.04	196	131395	49.919	ng		98
45) 1,1'-Biphenyl	14.36	154	383825	36.156	ng		97
46) 2-Chloronaphthalene	14.41	162	287508	36.256	ng		95
47) 2-Nitroaniline	14.60	65	126297	60.047	ng		89
48) Acenaphthylene	15.24	152	491816	37.881	ng		99
49) Dimethylphthalate	14.94	163	428318	41.523	ng		100
50) 2,6-Dinitrotoluene	15.07	165	93167	53.351	ng		94
51) Acenaphthene	15.58	154	302315	37.389	ng		92
52) 3-Nitroaniline	15.41	138	95320	45.580	ng	#	93
53) 2,4-Dinitrophenol	15.61	184	13652	33.716	ng	#	33
54) Dibenzofuran	15.91	168	458252	39.803	ng		94
55) 4-Nitrophenol	15.68	139	67599	43.558	ng		85
56) 2,4-Dinitrotoluene	15.85	165	135965	62.695	ng		97
57) Fluorene	16.55	166	394028	41.466	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.12	232	119689	58.567	ng		98
59) Diethylphthalate	16.28	149	424626	39.029	ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	217852	46.865	ng		99
61) 4-Nitroaniline	16.56	138	99664	45.003	ng	#	86
62) Azobenzene	16.82	77	429588	44.137	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	44990	48.707	ng		95
65) n-Nitrosodiphenylamine	16.74	169	363849	35.429	ng		97
66) 4-Bromophenyl-phenylether	17.42	248	145719	43.654	ng		97
67) Hexachlorobenzene	17.55	284	147658	40.933	ng		95
68) Atrazine	17.65	200	131875	39.011	ng		97
69) Pentachlorophenol	17.88	266	94182	41.450	ng		96
70) Phenanthrene	18.29	178	663319	37.662	ng		98
71) Anthracene	18.38	178	671945	38.002	ng		100
72) Carbazole	18.63	167	609261	34.958	ng	#	97
73) Di-n-butylphthalate	19.13	149	707999	33.113	ng	#	98
74) Fluoranthene	20.24	202	819545	42.125	ng		98
76) Benzidine	20.40	184	289948	26.794	ng		97
77) Pyrene	20.60	202	846305	37.802	ng		98
79) Butylbenzylphthalate	21.45	149	322567	32.497	ng		99
80) Benzo(a)anthracene	22.58	228	812765	39.924	ng		98
81) 3,3'-Dichlorobenzidine	22.46	252	298117	39.539	ng		98
82) Chrysene	22.66	228	776630	39.936	ng		99
83) Bis(2-ethylhexyl)phthalate	22.40	149	447336	30.446	ng		96
84) Di-n-octyl phthalate	23.81	149	728123	32.512	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	888889	39.194	ng	#	89
87) Benzo(b)fluoranthene	25.18	252	789524	38.982	ng	#	98
88) Benzo(k)fluoranthene	25.18	252	789524	39.224	ng		98
89) Benzo(a)pyrene	26.22	252	758186	39.358	ng	#	96
90) Dibenzo(a,h)anthracene	30.90	278	726204	37.452	ng		95
91) Benzo(g,h,i)perylene	32.22	276	726776	38.022	ng		97

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

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