Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032244.D
Acq On : 24 Jan 2018 3:32
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/24/2018 2:49:16 PM

Quant Time: Jan 24 10:42:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	42980	20.00	ng		-0.01
21) Naphthalene-d8	11.61	136	186093	20.00	ng		-0.02
38) Acenaphthene-d10	15.36	164	125027	20.00	ng		-0.02
63) Phenanthrene-d10	18.09	188	314903	20.00	ng		-0.02
75) Chrysene-d12	22.43	240	396452	20.00	ng		-0.02
86) Perylene-d12	26.12	264	430689	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	176951	75.30	ng		-0.01
7) Phenol-d6	7.84	99	239402	80.89	ng		0.00
23) Nitrobenzene-d5	9.93	82	233117	84.75	ng		-0.01
41) 2,4,6-Tribromophenol	16.84	330	168911	81.64	ng		-0.02
44) 2-Fluorobiphenyl	13.99	172	825922	81.91	ng		-0.01
78) Terphenyl-d14	20.63	244	1314397	73.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	27745	30.731	ng	#	75
3) Pyridine	4.27	79	82616	34.282	ng	#	84
4) n-Nitrosodimethylamine	4.18	42	39860	47.081	ng	#	77
6) Aniline	8.02	93	142614	38.202	ng		95
8) 2-Chlorophenol	8.27	128	104140	39.602	ng	#	82
9) Benzaldehyde	7.83	77	60357	35.197	ng		86
10) Phenol	7.87	94	114453	39.257	ng		92
11) bis(2-Chloroethyl)ether	8.11	93	85298	36.518	ng		85
12) 1,3-Dichlorobenzene	8.61	146	132401	38.470	ng		96
13) 1,4-Dichlorobenzene	8.76	146	132791	38.320	ng		95
14) 1,2-Dichlorobenzene	9.09	146	130795	39.024	ng		95
15) Benzyl Alcohol	8.96	79	95302	44.325	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	9.26	45	83066	34.993	ng		81
17) 2-Methylphenol	9.16	107	88141	39.559	ng		94
18) Hexachloroethane	9.85	117	43011	40.386	ng	#	78
19) n-Nitroso-di-n-propylamine	9.54	70	74132	40.369	ng	#	91
20) 3+4-Methylphenols	9.50	107	126249	40.901	ng		95
22) Acetophenone	9.57	105	163307	38.633	ng	#	91
24) Nitrobenzene	9.97	77	111311	40.570	ng	#	89
25) Isophorone	10.49	82	196940	38.451	ng	#	86
26) 2-Nitrophenol	10.69	139	70550	43.396	ng	#	85
27) 2,4-Dimethylphenol	10.73	122	100436	38.931	ng		91
28) bis(2-Chloroethoxy)methane	10.97	93	112263	36.380	ng		92
29) 2,4-Dichlorophenol	11.24	162	135990	42.839	ng		87
30) 1,2,4-Trichlorobenzene	11.46	180	166819	40.690	ng		93
31) Naphthalene	11.66	128	349444	37.906	ng		99
32) Benzoic acid	10.86	122	74973m	37.516	ng		
33) 4-Chloroaniline	11.75	127	153715	38.884	ng	#	92
34) Hexachlorobutadiene	11.93	225	127323	43.239	ng		93
35) Caprolactam	12.52	113	37763	39.212	ng	#	41
36) 4-Chloro-3-methylphenol	12.83	107	121811	41.922	ng	#	87
37) 2-Methylnaphthalene	13.22	142	287612	39.297	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	236918	43.472	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	120769	39.344	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	132868	43.390	ng		95
43) 2,4,5-Trichlorophenol	13.88	196	151244	42.670	ng	#	90
45) 1,1'-Biphenyl	14.21	154	428407	39.970	ng		96
46) 2-Chloronaphthalene	14.26	162	338483	40.595	ng		95
47) 2-Nitroaniline	14.44	65	73616	46.118	ng	#	79
48) Acenaphthylene	15.09	152	503126	39.625	ng		98
49) Dimethylphthalate	14.79	163	439132	40.137	ng	#	99
50) 2,6-Dinitrotoluene	14.92	165	94552	41.635	ng	#	74
51) Acenaphthene	15.43	154	329763	39.276	ng		96
52) 3-Nitroaniline	15.26	138	81444	39.708	ng	#	72
53) 2,4-Dinitrophenol	15.45	184	31556	32.253	ng	#	63
54) Dibenzofuran	15.76	168	500080	39.927	ng		99
55) 4-Nitrophenol	15.53	139	59220	39.618	ng	#	78
56) 2,4-Dinitrotoluene	15.70	165	133213	43.570	ng	#	69
57) Fluorene	16.40	166	403289	39.261	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.97	232	139527	42.553	ng	#	86
59) Diethylphthalate	16.14	149	423578	39.935	ng		96
60) 4-Chlorophenyl-phenylether	16.38	204	259326	41.155	ng		92
61) 4-Nitroaniline	16.41	138	84910	43.156	ng		89
62) Azobenzene	16.67	77	262506	39.541	ng		86
64) 4,6-Dinitro-2-methylphenol	16.46	198	80656	40.828	ng	#	70
65) n-Nitrosodiphenylamine	16.59	169	373001	39.035	ng		97
66) 4-Bromophenyl-phenylether	17.27	248	180155	40.209	ng		92
67) Hexachlorobenzene	17.40	284	197921	39.928	ng	#	90
68) Atrazine	17.51	200	153310	38.151	ng		97
69) Pentachlorophenol	17.74	266	119253	37.638	ng		99
70) Phenanthrene	18.14	178	663061	37.819	ng		100
71) Anthracene	18.23	178	670297	38.332	ng		100
72) Carbazole	18.49	167	592957	39.089	ng		99
73) Di-n-butylphthalate	19.00	149	669638	37.358	ng		100
74) Fluoranthene	20.10	202	878340	40.012	ng		94
76) Benzidine	20.26	184	231301	23.331	ng		97
77) Pyrene	20.46	202	897678	36.019	ng		98
79) Butylbenzylphthalate	21.32	149	316764	35.474	ng	#	75
80) Benzo(a)anthracene	22.41	228	958026	38.856	ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	365341	39.667	ng	#	97
82) Chrysene	22.48	228	919184	38.820	ng		98
83) Bis(2-ethylhexyl)phthalate	22.25	149	451800	34.504	ng	#	98
84) Di-n-octyl phthalate	23.62	149	732859	35.239	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.40	276	1102152	38.035	ng	#	69
87) Benzo(b)fluoranthene	24.93	252	1001262	38.462	ng	#	96
88) Benzo(k)fluoranthene	25.01	252	1006949	39.584	ng	#	95
89) Benzo(a)pyrene	25.94	252	982637	39.902	ng	#	96
90) Dibenzo(a,h)anthracene	30.47	278	882403	37.184	ng	#	93
91) Benzo(g,h,i)perylene	31.74	276	846018	34.880	ng	#	92

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

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