Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032070.D
Acq On : 16 Jan 2018 15:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 17 00:49:21 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	43217	20.00	ng		-0.01
21) Naphthalene-d8	11.65	136	184379	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	131201	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	350049	20.00	ng		-0.01
75) Chrysene-d12	22.47	240	425224	20.00	ng		-0.01
86) Perylene-d12	26.18	264	453363	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.19	112	186546	78.95	ng		0.00
7) Phenol-d6	7.87	99	241242	81.06	ng		0.00
23) Nitrobenzene-d5	9.96	82	224780	82.48	ng		-0.01
41) 2,4,6-Tribromophenol	16.87	330	187315	86.28	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	813335	76.87	ng		0.00
78) Terphenyl-d14	20.66	244	1435876	74.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	34443	37.941	ng	#	72
3) Pyridine	4.30	79	94659	39.064	ng	#	76
4) n-Nitrosodimethylamine	4.21	42	37398	43.931	ng	#	94
6) Aniline	8.06	93	148730	39.622	ng		94
8) 2-Chlorophenol	8.31	128	102363	38.713	ng		81
9) Benzaldehyde	7.87	77	67728	39.279	ng		83
10) Phenol	7.89	94	115038	39.241	ng		97
11) bis(2-Chloroethyl)ether	8.15	93	89544	38.126	ng	#	81
12) 1,3-Dichlorobenzene	8.65	146	133823	38.670	ng		96
13) 1,4-Dichlorobenzene	8.81	146	137525	39.469	ng		95
14) 1,2-Dichlorobenzene	9.13	146	129431	38.405	ng		94
15) Benzyl Alcohol	9.00	79	92896	42.969	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.29	45	90056	37.730	ng		79
17) 2-Methylphenol	9.20	107	87589	39.095	ng		95
18) Hexachloroethane	9.89	117	43730	40.836	ng	#	82
19) n-Nitroso-di-n-propylamine	9.58	70	77483	41.962	ng	#	84
20) 3+4-Methylphenols	9.53	107	123437	39.771	ng		94
22) Acetophenone	9.60	105	162701	38.848	ng	#	88
24) Nitrobenzene	10.01	77	110839	40.773	ng	#	82
25) Isophorone	10.53	82	202110	39.827	ng	#	86
26) 2-Nitrophenol	10.73	139	65247	40.507	ng	#	84
27) 2,4-Dimethylphenol	10.77	122	99959	39.106	ng		96
28) bis(2-Chloroethoxy)methane	11.01	93	116620	38.143	ng		97
29) 2,4-Dichlorophenol	11.27	162	126485	40.215	ng		88
30) 1,2,4-Trichlorobenzene	11.50	180	160108	39.416	ng		98
31) Naphthalene	11.70	128	349072	38.218	ng		99
32) Benzoic acid	10.88	122	85061	42.197	ng	#	85
33) 4-Chloroaniline	11.80	127	153585	39.212	ng	#	90
34) Hexachlorobutadiene	11.97	225	117379	40.233	ng		96
35) Caprolactam	12.54	113	40416	42.357	ng	#	55
36) 4-Chloro-3-methylphenol	12.87	107	124440	43.225	ng		86
37) 2-Methylnaphthalene	13.26	142	284722	39.264	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	224192	39.201	ng	#	95
40) Hexachlorocyclopentadiene	13.59	237	124374	38.611	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	131218	40.834	ng		96
43) 2,4,5-Trichlorophenol	13.91	196	153497	41.268	ng	#	93
45) 1,1'-Biphenyl	14.24	154	428496	38.097	ng		95
46) 2-Chloronaphthalene	14.29	162	334288	38.205	ng		95
47) 2-Nitroaniline	14.48	65	75262	44.931	ng	#	66
48) Acenaphthylene	15.13	152	514235	38.594	ng		98
49) Dimethylphthalate	14.83	163	465729	40.565	ng		98
50) 2,6-Dinitrotoluene	14.96	165	101603	42.635	ng	#	70
51) Acenaphthene	15.46	154	348415	39.545	ng		99
52) 3-Nitroaniline	15.29	138	91753	42.629	ng	#	76
53) 2,4-Dinitrophenol	15.49	184	44333	40.821	ng	#	75
54) Dibenzofuran	15.79	168	524677	39.920	ng		99
55) 4-Nitrophenol	15.56	139	68159	43.453	ng	#	79
56) 2,4-Dinitrotoluene	15.73	165	145960	45.493	ng	#	67
57) Fluorene	16.44	166	437688	40.604	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	152891	44.434	ng	#	84
59) Diethylphthalate	16.17	149	457054	41.063	ng		97
60) 4-Chlorophenyl-phenylether	16.41	204	273927	41.426	ng		91
61) 4-Nitroaniline	16.44	138	92842	44.967	ng		90
62) Azobenzene	16.71	77	287564	41.277	ng		85
64) 4,6-Dinitro-2-methylphenol	16.49	198	93206	42.251	ng	#	66
65) n-Nitrosodiphenylamine	16.63	169	408523	38.460	ng		98
66) 4-Bromophenyl-phenylether	17.31	248	194780	39.108	ng		93
67) Hexachlorobenzene	17.43	284	206137	37.410	ng	#	90
68) Atrazine	17.55	200	183214	41.015	ng		98
69) Pentachlorophenol	17.77	266	147155	41.781	ng		98
70) Phenanthrene	18.18	178	758333	38.910	ng		99
71) Anthracene	18.26	178	754973	38.839	ng		99
72) Carbazole	18.52	167	673119	39.918	ng		99
73) Di-n-butylphthalate	19.03	149	783513	39.322	ng		99
74) Fluoranthene	20.13	202	986582	40.431	ng		96
76) Benzidine	20.29	184	394786	37.128	ng		97
77) Pyrene	20.49	202	998480	37.353	ng		98
79) Butylbenzylphthalate	21.36	149	362746	37.875	ng	#	74
80) Benzo(a)anthracene	22.45	228	1040094	39.331	ng		99
81) 3,3'-Dichlorobenzidine	22.34	252	395384	40.024	ng	#	95
82) Chrysene	22.52	228	986263	38.834	ng		99
83) Bis(2-ethylhexyl)phthalate	22.29	149	513528	36.564	ng	#	98
84) Di-n-octyl phthalate	23.68	149	821310	36.820	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.49	276	1203042	38.707	ng	#	92
87) Benzo(b)fluoranthene	24.99	252	1095795	39.988	ng	#	96
88) Benzo(k)fluoranthene	25.07	252	1042994	38.950	ng	#	96
89) Benzo(a)pyrene	26.01	252	1025944	39.577	ng	#	97
90) Dibenzo(a,h)anthracene	30.57	278	985014	39.432	ng	#	96
91) Benzo(g,h,i)perylene	31.85	276	1002833	39.278	ng	#	92

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

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