Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031627.D
Acq On : 18 Dec 2017 10:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 19 07:14:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	73861	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	328565	20.00	ng		-0.01
38) Acenaphthene-d10	14.72	164	227331	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	555236	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	564562	20.00	ng		-0.01
86) Perylene-d12	25.02	264	502063	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	323084	77.53	ng		-0.01
7) Phenol-d6	7.27	99	450379	77.86	ng		0.00
23) Nitrobenzene-d5	9.26	82	418560	78.52	ng		-0.01
41) 2,4,6-Tribromophenol	16.21	330	237170	89.05	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1231905	79.54	ng		0.00
78) Terphenyl-d14	20.06	244	1990084	80.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	65174	32.780	ng	#	80
3) Pyridine	3.91	79	183350	35.025	ng		85
4) n-Nitrosodimethylamine	3.82	42	83094	33.700	ng	#	89
6) Aniline	7.42	93	286863	37.655	ng		94
8) 2-Chlorophenol	7.66	128	184872	39.774	ng		88
9) Benzaldehyde	7.23	77	120331	35.887	ng		89
10) Phenol	7.30	94	228024	38.371	ng		90
11) bis(2-Chloroethyl)ether	7.51	93	183472	37.828	ng		86
12) 1,3-Dichlorobenzene	7.98	146	216447m	39.158	ng		
13) 1,4-Dichlorobenzene	8.13	146	221306	38.524	ng		92
14) 1,2-Dichlorobenzene	8.45	146	210748	38.512	ng		95
15) Benzyl Alcohol	8.34	79	165767	36.632	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	180479	33.122	ng		89
17) 2-Methylphenol	8.55	107	156339	38.594	ng		95
18) Hexachloroethane	9.18	117	75352	38.913	ng		91
19) n-Nitroso-di-n-propylamine	8.90	70	159281	34.983	ng	#	92
20) 3+4-Methylphenols	8.88	107	223249	36.995	ng		95
22) Acetophenone	8.92	105	315193	39.988	ng	#	91
24) Nitrobenzene	9.31	77	213781	39.137	ng	#	87
25) Isophorone	9.83	82	387490	38.464	ng	#	91
26) 2-Nitrophenol	10.03	139	118690	43.942	ng	#	84
27) 2,4-Dimethylphenol	10.08	122	171080	41.694	ng		91
28) bis(2-Chloroethoxy)methane	10.30	93	261049	40.137	ng		97
29) 2,4-Dichlorophenol	10.57	162	214572	44.386	ng		90
30) 1,2,4-Trichlorobenzene	10.77	180	260305	42.154	ng		98
31) Naphthalene	10.96	128	627180	38.855	ng		98
32) Benzoic acid	10.26	122	52033	27.882	ng		85
33) 4-Chloroaniline	11.07	127	280368	40.004	ng		94
34) Hexachlorobutadiene	11.24	225	174685	42.647	ng		94
35) Caprolactam	11.85	113	73351	38.641	ng	#	68
36) 4-Chloro-3-methylphenol	12.20	107	213910	38.765	ng	#	84
37) 2-Methylnaphthalene	12.56	142	487927	39.041	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	369228	41.558	ng	#	96
40) Hexachlorocyclopentadiene	12.90	237	54589	29.510	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	194746	42.902	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	206704	42.273	ng	#	92
45) 1,1'-Biphenyl	13.56	154	736072	39.422	ng		98
46) 2-Chloronaphthalene	13.61	162	535057	39.152	ng		96
47) 2-Nitroaniline	13.81	65	141950	36.964	ng	#	73
48) Acenaphthylene	14.45	152	850577	38.681	ng		98
49) Dimethylphthalate	14.18	163	736600	39.138	ng		99
50) 2,6-Dinitrotoluene	14.30	165	163675	40.686	ng	#	73
51) Acenaphthene	14.79	154	549850	39.546	ng		99
52) 3-Nitroaniline	14.63	138	161080	39.280	ng	#	77
53) 2,4-Dinitrophenol	14.86	184	20189	19.717	ng	#	41
54) Dibenzofuran	15.12	168	852033	38.401	ng		99
55) 4-Nitrophenol	14.96	139	90601	34.792	ng	#	76
56) 2,4-Dinitrotoluene	15.10	165	227201	39.764	ng	#	71
57) Fluorene	15.77	166	691328	38.886	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	190629	41.476	ng	#	86
59) Diethylphthalate	15.53	149	728079	38.594	ng		97
60) 4-Chlorophenyl-phenylether	15.75	204	420947	38.701	ng		91
61) 4-Nitroaniline	15.80	138	165878	38.545	ng		87
62) Azobenzene	16.04	77	541326	34.639	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	108735	33.955	ng	#	75
65) n-Nitrosodiphenylamine	15.97	169	673359	41.433	ng		98
66) 4-Bromophenyl-phenylether	16.64	248	273450	42.353	ng		99
67) Hexachlorobenzene	16.78	284	284233	42.632	ng		94
68) Atrazine	16.91	200	252989	42.573	ng		99
69) Pentachlorophenol	17.13	266	92508m	32.484	ng		
70) Phenanthrene	17.51	178	1141510	39.366	ng		98
71) Anthracene	17.60	178	1148368	40.042	ng		99
72) Carbazole	17.87	167	1049599	40.442	ng		99
73) Di-n-butylphthalate	18.41	149	1209975	40.371	ng		99
74) Fluoranthene	19.51	202	1416400	39.030	ng		97
76) Benzidine	19.69	184	587591	44.723	ng		97
77) Pyrene	19.87	202	1440587	41.066	ng		96
79) Butylbenzylphthalate	20.73	149	538405	43.750	ng	#	83
80) Benzo(a)anthracene	21.72	228	1355852	39.789	ng		98
81) 3,3'-Dichlorobenzidine	21.62	252	493215	41.587	ng		96
82) Chrysene	21.78	228	1289079	39.460	ng		97
83) Bis(2-ethylhexyl)phthalate	21.59	149	718308	40.571	ng		99
84) Di-n-octyl phthalate	22.81	149	1148923	39.340	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1250969	35.832	ng		97
87) Benzo(b)fluoranthene	23.97	252	1234119	41.115	ng	#	98
88) Benzo(k)fluoranthene	24.04	252	1246877	40.706	ng		97
89) Benzo(a)pyrene	24.86	252	1155938	40.596	ng		98
90) Dibenzo(a,h)anthracene	28.83	278	1062094	39.006	ng		99
91) Benzo(g,h,i)perylene	29.96	276	1036590	38.723	ng		98

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

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