Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031656.D
Acq On : 19 Dec 2017 5:47
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 19 08:07:17 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	74884	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	343921	20.00	ng		-0.01
38) Acenaphthene-d10	14.73	164	235757	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	570847	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	571717	20.00	ng		0.00
86) Perylene-d12	25.02	264	521652	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	329493	77.99	ng		-0.02
7) Phenol-d6	7.27	99	456431	77.82	ng		0.00
23) Nitrobenzene-d5	9.27	82	430301	77.12	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	237887	86.13	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1277598	79.55	ng		0.00
78) Terphenyl-d14	20.06	244	2017839	80.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	61915	30.715	ng	#	81
3) Pyridine	3.91	79	179731	33.865	ng		87
4) n-Nitrosodimethylamine	3.82	42	85787	34.317	ng	#	94
6) Aniline	7.42	93	288728	37.382	ng		93
8) 2-Chlorophenol	7.66	128	191655	40.670	ng		85
9) Benzaldehyde	7.23	77	125159	36.817	ng		88
10) Phenol	7.29	94	233189	38.704	ng		92
11) bis(2-Chloroethyl)ether	7.51	93	184372	37.494	ng		89
12) 1,3-Dichlorobenzene	7.98	146	223599	39.900	ng		96
13) 1,4-Dichlorobenzene	8.13	146	231090	39.677	ng		92
14) 1,2-Dichlorobenzene	8.45	146	218576	39.397	ng		96
15) Benzyl Alcohol	8.34	79	166508	36.293	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	180418	32.658	ng		89
17) 2-Methylphenol	8.55	107	161381	39.295	ng		97
18) Hexachloroethane	9.18	117	77005	39.223	ng		88
19) n-Nitroso-di-n-propylamine	8.90	70	160801	34.834	ng	#	93
20) 3+4-Methylphenols	8.88	107	231352	37.815	ng		96
22) Acetophenone	8.92	105	325747	39.481	ng	#	93
24) Nitrobenzene	9.31	77	221465	38.733	ng	#	88
25) Isophorone	9.83	82	394218	37.384	ng	#	88
26) 2-Nitrophenol	10.03	139	125404	44.355	ng	#	84
27) 2,4-Dimethylphenol	10.08	122	173684	40.439	ng		93
28) bis(2-Chloroethoxy)methane	10.30	93	266334	39.122	ng		96
29) 2,4-Dichlorophenol	10.57	162	223875	44.242	ng		92
30) 1,2,4-Trichlorobenzene	10.77	180	273255	42.275	ng		97
31) Naphthalene	10.96	128	654756	38.752	ng		97
32) Benzoic acid	10.28	122	12783m	12.461	ng		
33) 4-Chloroaniline	11.07	127	289958	39.525	ng		95
34) Hexachlorobutadiene	11.24	225	186254	43.442	ng		95
35) Caprolactam	11.85	113	70701	35.582	ng	#	68
36) 4-Chloro-3-methylphenol	12.20	107	218049	37.751	ng	#	82
37) 2-Methylnaphthalene	12.56	142	511023	39.063	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	392803	42.631	ng	#	96
40) Hexachlorocyclopentadiene	12.90	237	105905	44.400	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	198546	42.176	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	217876	42.965	ng	#	90
45) 1,1'-Biphenyl	13.56	154	762237	39.364	ng		98
46) 2-Chloronaphthalene	13.61	162	566607	39.979	ng		95
47) 2-Nitroaniline	13.81	65	145998	36.660	ng	#	77
48) Acenaphthylene	14.45	152	881485	38.654	ng		99
49) Dimethylphthalate	14.18	163	761330	39.006	ng		99
50) 2,6-Dinitrotoluene	14.30	165	166099	39.813	ng	#	72
51) Acenaphthene	14.79	154	558768	38.751	ng		97
52) 3-Nitroaniline	14.64	138	166052	39.045	ng	#	77
53) 2,4-Dinitrophenol	14.89	184	3372	10.769	ng	#	48
54) Dibenzofuran	15.12	168	882803	38.366	ng		99
55) 4-Nitrophenol	14.97	139	69744	26.738	ng	#	78
56) 2,4-Dinitrotoluene	15.10	165	234420	39.561	ng	#	72
57) Fluorene	15.77	166	711108	38.569	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	194011	40.703	ng	#	85
59) Diethylphthalate	15.53	149	740853	37.867	ng		96
60) 4-Chlorophenyl-phenylether	15.76	204	448077	39.723	ng		90
61) 4-Nitroaniline	15.80	138	162932	36.508	ng		87
62) Azobenzene	16.05	77	542147	33.452	ng		89
64) 4,6-Dinitro-2-methylphenol	15.87	198	36599	14.418	ng	#	75
65) n-Nitrosodiphenylamine	15.97	169	677320	40.537	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	287899	43.371	ng		94
67) Hexachlorobenzene	16.78	284	299245	43.657	ng		93
68) Atrazine	16.91	200	255001	41.738	ng		96
69) Pentachlorophenol	17.13	266	94133m	32.209	ng		
70) Phenanthrene	17.51	178	1147478	38.489	ng		98
71) Anthracene	17.60	178	1162573	39.429	ng		99
72) Carbazole	17.88	167	1048331	39.288	ng		99
73) Di-n-butylphthalate	18.41	149	1199371	38.923	ng		99
74) Fluoranthene	19.52	202	1433564	38.423	ng		96
76) Benzidine	19.69	184	537380	40.389	ng		97
77) Pyrene	19.87	202	1460994	41.127	ng		96
79) Butylbenzylphthalate	20.74	149	519309	41.670	ng	#	81
80) Benzo(a)anthracene	21.72	228	1373920	39.814	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	506710	42.191	ng		99
82) Chrysene	21.79	228	1289789	38.988	ng		96
83) Bis(2-ethylhexyl)phthalate	21.60	149	710164	39.609	ng	#	99
84) Di-n-octyl phthalate	22.81	149	1129360	38.186	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.80	276	1288199	36.437	ng	#	79
87) Benzo(b)fluoranthene	23.98	252	1256279	40.282	ng		98
88) Benzo(k)fluoranthene	24.05	252	1282221	40.288	ng		96
89) Benzo(a)pyrene	24.87	252	1186777	40.114	ng	#	98
90) Dibenzo(a,h)anthracene	28.85	278	1094246	38.678	ng		98
91) Benzo(g,h,i)perylene	29.99	276	1065622	38.313	ng		96

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

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