Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032152.D
Acq On : 19 Jan 2018 15:20
Operator : SJ/JU
Sample : PB105755BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105755BS

Quant Time: Jan 19 22:17:19 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	8.74	152	44286	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	177925	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	122838	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	335672	20.00	ng		0.00
75) Chrysene-d12	22.45	240	421705	20.00	ng		0.00
86) Perylene-d12	26.15	264	448739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	314746	129.98	ng		0.00
7) Phenol-d6	7.85	99	391753	128.46	ng		0.00
23) Nitrobenzene-d5	9.94	82	231247	87.93	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	269920	132.79	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	808925	81.65	ng		0.00
78) Terphenyl-d14	20.65	244	1592845	83.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	26028	27.979	ng	#	70
3) Pyridine	4.28	79	72159	29.060	ng	#	84
4) n-Nitrosodimethylamine	4.18	42	41116	47.132	ng	#	86
6) Aniline	8.03	93	73602	19.134	ng		89
8) 2-Chlorophenol	8.29	128	116031	42.823	ng		83
9) Benzaldehyde	7.84	77	14532	8.224	ng		94
10) Phenol	7.88	94	128583	42.803	ng		98
11) bis(2-Chloroethyl)ether	8.13	93	86758	36.048	ng	#	83
12) 1,3-Dichlorobenzene	8.62	146	127945	36.079	ng		96
13) 1,4-Dichlorobenzene	8.78	146	130292	36.490	ng		92
14) 1,2-Dichlorobenzene	9.11	146	125583	36.364	ng		96
15) Benzyl Alcohol	8.98	79	96503	43.560	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	9.26	45	90267	36.905	ng		84
17) 2-Methylphenol	9.18	107	91602	39.899	ng		98
18) Hexachloroethane	9.87	117	42536	38.762	ng	#	84
19) n-Nitroso-di-n-propylamine	9.55	70	72481	38.306	ng	#	87
20) 3+4-Methylphenols	9.51	107	123183	38.731	ng		90
22) Acetophenone	9.58	105	164432	40.685	ng	#	92
24) Nitrobenzene	9.99	77	110669	42.187	ng		89
25) Isophorone	10.50	82	200431	40.929	ng	#	86
26) 2-Nitrophenol	10.71	139	66514	42.791	ng	#	85
27) 2,4-Dimethylphenol	10.74	122	115445	46.803	ng		94
28) bis(2-Chloroethoxy)methane	10.99	93	126215	42.779	ng		98
29) 2,4-Dichlorophenol	11.25	162	139075	45.822	ng		87
30) 1,2,4-Trichlorobenzene	11.48	180	155253	39.608	ng		98
31) Naphthalene	11.68	128	342965	38.911	ng		98
32) Benzoic acid	10.86	122	53348	29.264	ng		88
33) 4-Chloroaniline	11.77	127	73450	19.433	ng		93
34) Hexachlorobutadiene	11.94	225	111807	39.713	ng		98
35) Caprolactam	12.52	113	42773	46.453	ng	#	52
36) 4-Chloro-3-methylphenol	12.84	107	127983	46.068	ng	#	90
37) 2-Methylnaphthalene	13.24	142	287448	41.078	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.59	216	219043	40.908	ng	#	96
40) Hexachlorocyclopentadiene	13.57	237	294560	97.671	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	134026	44.548	ng		94
43) 2,4,5-Trichlorophenol	13.89	196	144443	41.478	ng	#	89
45) 1,1'-Biphenyl	14.22	154	412852	39.205	ng		96
46) 2-Chloronaphthalene	14.27	162	316842	38.676	ng		96
47) 2-Nitroaniline	14.46	65	74730	47.651	ng	#	72
48) Acenaphthylene	15.11	152	473839	37.983	ng		99
49) Dimethylphthalate	14.81	163	428785	39.889	ng		99
50) 2,6-Dinitrotoluene	14.93	165	94738	42.461	ng	#	74
51) Acenaphthene	15.45	154	345891	41.932	ng		100
52) 3-Nitroaniline	15.26	138	57575	28.571	ng	#	67
53) 2,4-Dinitrophenol	15.47	184	85206	76.465	ng	#	62
54) Dibenzofuran	15.77	168	507924	41.276	ng		99
55) 4-Nitrophenol	15.55	139	149158	101.565	ng	#	80
56) 2,4-Dinitrotoluene	15.72	165	138313	46.044	ng	#	70
57) Fluorene	16.41	166	408454	40.472	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.99	232	157864	49.003	ng	#	85
59) Diethylphthalate	16.16	149	421220	40.420	ng		96
60) 4-Chlorophenyl-phenylether	16.40	204	259889	41.979	ng		91
61) 4-Nitroaniline	16.42	138	82164	42.504	ng		90
62) Azobenzene	16.69	77	274558	42.094	ng		90
64) 4,6-Dinitro-2-methylphenol	16.47	198	74611	36.077	ng	#	66
65) n-Nitrosodiphenylamine	16.61	169	384983	37.796	ng		97
66) 4-Bromophenyl-phenylether	17.29	248	188666	39.503	ng		92
67) Hexachlorobenzene	17.41	284	191297	36.204	ng	#	92
68) Atrazine	17.53	200	180869	42.224	ng		96
69) Pentachlorophenol	17.75	266	251845	74.568	ng		98
70) Phenanthrene	18.16	178	716711	38.349	ng		99
71) Anthracene	18.25	178	735687	39.468	ng		99
72) Carbazole	18.51	167	651004	40.260	ng		99
73) Di-n-butylphthalate	19.01	149	733952	38.412	ng		100
74) Fluoranthene	20.12	202	991297	42.364	ng		95
76) Benzidine	20.27	184	296741	28.140	ng		98
77) Pyrene	20.47	202	1002358	37.811	ng		98
79) Butylbenzylphthalate	21.34	149	340404	35.839	ng	#	76
80) Benzo(a)anthracene	22.43	228	1044087	39.811	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	249272	25.444	ng	#	96
82) Chrysene	22.50	228	980677	38.936	ng		99
83) Bis(2-ethylhexyl)phthalate	22.27	149	482837	34.666	ng	#	97
84) Di-n-octyl phthalate	23.65	149	815877	36.882	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.45	276	1274461	41.347	ng	#	87
87) Benzo(b)fluoranthene	24.97	252	1100714	40.581	ng	#	95
88) Benzo(k)fluoranthene	25.04	252	1045962	39.464	ng	#	97
89) Benzo(a)pyrene	25.98	252	1063406	41.445	ng	#	96
90) Dibenzo(a,h)anthracene	30.53	278	1057193	42.758	ng	#	94
91) Benzo(g,h,i)perylene	31.80	276	1056859	41.820	ng	#	93

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

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