Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032236.D
Acq On : 23 Jan 2018 17:54
Operator : SJ/JU
Sample : PB105889BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105889BSD

Quant Time: Jan 24 02:58:10 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	44616	20.00	ng		-0.02
21) Naphthalene-d8	11.61	136	186693	20.00	ng		-0.02
38) Acenaphthene-d10	15.37	164	129436	20.00	ng		-0.02
63) Phenanthrene-d10	18.10	188	326281	20.00	ng		-0.02
75) Chrysene-d12	22.43	240	408301	20.00	ng		-0.02
86) Perylene-d12	26.12	264	433013	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	304106	124.66	ng		-0.01
7) Phenol-d6	7.84	99	375544	122.23	ng		0.00
23) Nitrobenzene-d5	9.92	82	224826	81.47	ng		-0.02
41) 2,4,6-Tribromophenol	16.84	330	249477	116.48	ng		-0.02
44) 2-Fluorobiphenyl	13.99	172	796705	76.32	ng		-0.02
78) Terphenyl-d14	20.64	244	1434516	77.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	24691	26.346	ng	#	76
3) Pyridine	4.27	79	71688	28.657	ng		91
4) n-Nitrosodimethylamine	4.17	42	42430	48.279	ng	#	81
6) Aniline	8.02	93	86674	22.366	ng		94
8) 2-Chlorophenol	8.27	128	113882	41.719	ng		83
9) Benzaldehyde	7.83	77	51722	29.056	ng	#	79
10) Phenol	7.87	94	126053	41.650	ng		95
11) bis(2-Chloroethyl)ether	8.11	93	84551	34.871	ng	#	81
12) 1,3-Dichlorobenzene	8.61	146	125842	35.224	ng		96
13) 1,4-Dichlorobenzene	8.77	146	130583	36.301	ng		95
14) 1,2-Dichlorobenzene	9.10	146	124936	35.909	ng		98
15) Benzyl Alcohol	8.96	79	97853	43.842	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.25	45	82842	33.619	ng		75
17) 2-Methylphenol	9.17	107	92136	39.835	ng		97
18) Hexachloroethane	9.85	117	42332	38.291	ng	#	84
19) n-Nitroso-di-n-propylamine	9.54	70	71443	37.478	ng	#	91
20) 3+4-Methylphenols	9.50	107	125378	39.130	ng		97
22) Acetophenone	9.57	105	156775	36.969	ng	#	88
24) Nitrobenzene	9.97	77	110820	40.261	ng	#	88
25) Isophorone	10.49	82	198973	38.723	ng	#	84
26) 2-Nitrophenol	10.69	139	68189	41.809	ng	#	81
27) 2,4-Dimethylphenol	10.74	122	114556	44.261	ng		94
28) bis(2-Chloroethoxy)methane	10.98	93	120254	38.844	ng		97
29) 2,4-Dichlorophenol	11.23	162	144203	45.280	ng		87
30) 1,2,4-Trichlorobenzene	11.46	180	157459	38.284	ng		99
31) Naphthalene	11.66	128	338744	36.628	ng		99
32) Benzoic acid	10.85	122	60878	31.367	ng	#	82
33) 4-Chloroaniline	11.76	127	87878	22.158	ng	#	90
34) Hexachlorobutadiene	11.93	225	114141	38.638	ng		91
35) Caprolactam	12.52	113	39317	40.694	ng	#	50
36) 4-Chloro-3-methylphenol	12.83	107	128230	43.989	ng		87
37) 2-Methylnaphthalene	13.23	142	288616	39.308	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	220586	39.096	ng		96
40) Hexachlorocyclopentadiene	13.56	237	278310	87.579	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	136510	43.061	ng		99
43) 2,4,5-Trichlorophenol	13.88	196	148820	40.556	ng	#	92
45) 1,1'-Biphenyl	14.20	154	407703	36.743	ng		95
46) 2-Chloronaphthalene	14.25	162	321490	37.243	ng		96
47) 2-Nitroaniline	14.44	65	73819	44.670	ng	#	75
48) Acenaphthylene	15.09	152	466917	35.520	ng		100
49) Dimethylphthalate	14.80	163	421078	37.176	ng		99
50) 2,6-Dinitrotoluene	14.92	165	95860	40.774	ng	#	71
51) Acenaphthene	15.43	154	338703	38.967	ng		98
52) 3-Nitroaniline	15.25	138	57007	26.847	ng	#	72
53) 2,4-Dinitrophenol	15.45	184	73871	64.148	ng	#	60
54) Dibenzofuran	15.76	168	501207	38.654	ng		100
55) 4-Nitrophenol	15.54	139	126473	81.728	ng	#	78
56) 2,4-Dinitrotoluene	15.70	165	132426	41.837	ng	#	68
57) Fluorene	16.40	166	401923	37.795	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	151964	44.767	ng	#	85
59) Diethylphthalate	16.13	149	401060	36.524	ng		96
60) 4-Chlorophenyl-phenylether	16.38	204	264262	40.509	ng		90
61) 4-Nitroaniline	16.41	138	79512	39.035	ng		87
62) Azobenzene	16.67	77	262749	38.230	ng		88
64) 4,6-Dinitro-2-methylphenol	16.46	198	69441	34.751	ng	#	72
65) n-Nitrosodiphenylamine	16.59	169	367753	37.144	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	184001	39.635	ng		95
67) Hexachlorobenzene	17.40	284	186321	36.277	ng	#	93
68) Atrazine	17.52	200	164829	39.587	ng		96
69) Pentachlorophenol	17.73	266	213449	65.018	ng		98
70) Phenanthrene	18.14	178	662378	36.462	ng		98
71) Anthracene	18.23	178	682480	37.667	ng		99
72) Carbazole	18.49	167	581338	36.986	ng		100
73) Di-n-butylphthalate	19.00	149	654435	35.236	ng		99
74) Fluoranthene	20.11	202	898232	39.492	ng		95
76) Benzidine	20.27	184	199870	19.576	ng		100
77) Pyrene	20.46	202	898789	35.017	ng		99
79) Butylbenzylphthalate	21.32	149	313020	34.038	ng	#	74
80) Benzo(a)anthracene	22.41	228	972036	38.281	ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	241356	25.445	ng	#	97
82) Chrysene	22.48	228	905566	37.135	ng		98
83) Bis(2-ethylhexyl)phthalate	22.25	149	436906	32.398	ng	#	95
84) Di-n-octyl phthalate	23.63	149	763345	35.640	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.38	276	1155449	38.717	ng	#	53
87) Benzo(b)fluoranthene	24.94	252	1020263	38.981	ng	#	96
88) Benzo(k)fluoranthene	25.01	252	1039162	40.631	ng	#	96
89) Benzo(a)pyrene	25.94	252	1010492	40.813	ng	#	95
90) Dibenzo(a,h)anthracene	30.46	278	930106	38.984	ng	#	94
91) Benzo(g,h,i)perylene	31.73	276	951534	39.020	ng	#	90

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

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