Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032181.D
Acq On : 20 Jan 2018 16:12
Operator : SJ/JU
Sample : PB105795BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105795BS

Quant Time: Jan 22 02:02:14 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	45201	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	173313	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	112612	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	296044	20.00	ng		0.00
75) Chrysene-d12	22.45	240	390689	20.00	ng		0.00
86) Perylene-d12	26.14	264	422249	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	265217	107.31	ng		0.00
7) Phenol-d6	7.85	99	313699	100.78	ng		0.00
23) Nitrobenzene-d5	9.94	82	184968	72.20	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	200445	107.57	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	644186	70.93	ng		0.00
78) Terphenyl-d14	20.65	244	1262375	71.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	25749	27.119	ng	#	78
3) Pyridine	4.28	79	70796	27.934	ng		86
4) n-Nitrosodimethylamine	4.19	42	37782	42.434	ng	#	89
6) Aniline	8.04	93	73251	18.658	ng		95
8) 2-Chlorophenol	8.29	128	92815	33.561	ng		83
9) Benzaldehyde	7.84	77	57529	31.899	ng		89
10) Phenol	7.88	94	101426	33.079	ng		92
11) bis(2-Chloroethyl)ether	8.12	93	74776	30.440	ng		87
12) 1,3-Dichlorobenzene	8.62	146	114895	31.743	ng		95
13) 1,4-Dichlorobenzene	8.78	146	116731	32.030	ng		92
14) 1,2-Dichlorobenzene	9.11	146	107850	30.597	ng		97
15) Benzyl Alcohol	8.98	79	78593	34.757	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.27	45	73828	29.573	ng		81
17) 2-Methylphenol	9.18	107	70889	30.252	ng		90
18) Hexachloroethane	9.86	117	37864	33.806	ng	#	85
19) n-Nitroso-di-n-propylamine	9.55	70	58542	30.313	ng	#	86
20) 3+4-Methylphenols	9.51	107	98261	30.270	ng		98
22) Acetophenone	9.58	105	131631	33.436	ng	#	89
24) Nitrobenzene	9.98	77	89400	34.986	ng	#	87
25) Isophorone	10.50	82	161327	33.821	ng	#	85
26) 2-Nitrophenol	10.71	139	53037	35.029	ng	#	86
27) 2,4-Dimethylphenol	10.75	122	88078	36.658	ng		96
28) bis(2-Chloroethoxy)methane	10.99	93	98055	34.119	ng	#	94
29) 2,4-Dichlorophenol	11.25	162	109170	36.926	ng		89
30) 1,2,4-Trichlorobenzene	11.48	180	128070	33.542	ng		95
31) Naphthalene	11.68	128	277153	32.281	ng		97
32) Benzoic acid	10.85	122	36664	22.195	ng		87
33) 4-Chloroaniline	11.77	127	72143	19.595	ng	#	89
34) Hexachlorobutadiene	11.94	225	94603	34.496	ng		97
35) Caprolactam	12.51	113	29588	32.989	ng	#	51
36) 4-Chloro-3-methylphenol	12.84	107	96993	35.842	ng		91
37) 2-Methylnaphthalene	13.24	142	224453	32.929	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.59	216	172126	35.065	ng	#	96
40) Hexachlorocyclopentadiene	13.57	237	232653	84.149	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	100378	36.393	ng		98
43) 2,4,5-Trichlorophenol	13.89	196	109444	34.281	ng	#	91
45) 1,1'-Biphenyl	14.22	154	315060	32.635	ng		95
46) 2-Chloronaphthalene	14.27	162	242939	32.348	ng		97
47) 2-Nitroaniline	14.45	65	53916	37.501	ng	#	76
48) Acenaphthylene	15.10	152	363679	31.800	ng		98
49) Dimethylphthalate	14.81	163	324035	32.882	ng	#	99
50) 2,6-Dinitrotoluene	14.93	165	71515	34.963	ng	#	75
51) Acenaphthene	15.44	154	265419	35.098	ng		98
52) 3-Nitroaniline	15.26	138	46158	24.985	ng	#	74
53) 2,4-Dinitrophenol	15.47	184	64065	63.966	ng	#	59
54) Dibenzofuran	15.77	168	387193	34.322	ng		99
55) 4-Nitrophenol	15.55	139	104513	77.627	ng	#	77
56) 2,4-Dinitrotoluene	15.71	165	105923	38.464	ng	#	67
57) Fluorene	16.42	166	305907	33.064	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.99	232	117885	39.916	ng	#	84
59) Diethylphthalate	16.15	149	311627	32.619	ng		96
60) 4-Chlorophenyl-phenylether	16.39	204	196845	34.683	ng		92
61) 4-Nitroaniline	16.42	138	62801	35.438	ng		88
62) Azobenzene	16.69	77	200609	33.549	ng		88
64) 4,6-Dinitro-2-methylphenol	16.47	198	58488	32.610	ng	#	72
65) n-Nitrosodiphenylamine	16.60	169	289986	32.281	ng		97
66) 4-Bromophenyl-phenylether	17.28	248	139480	33.114	ng		95
67) Hexachlorobenzene	17.41	284	141164	30.292	ng	#	90
68) Atrazine	17.53	200	134486	35.598	ng		97
69) Pentachlorophenol	17.75	266	176351	59.204	ng		98
70) Phenanthrene	18.15	178	536419	32.545	ng		100
71) Anthracene	18.25	178	550654	33.496	ng		98
72) Carbazole	18.50	167	488834	34.278	ng		99
73) Di-n-butylphthalate	19.01	149	548655	32.558	ng		99
74) Fluoranthene	20.12	202	757354	36.699	ng		96
76) Benzidine	20.28	184	414470	42.424	ng		95
77) Pyrene	20.48	202	764791	31.139	ng		99
79) Butylbenzylphthalate	21.33	149	260753	29.632	ng	#	79
80) Benzo(a)anthracene	22.43	228	819917	33.745	ng		100
81) 3,3'-Dichlorobenzidine	22.31	252	205203	22.608	ng	#	96
82) Chrysene	22.50	228	769074	32.959	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	368202	28.534	ng	#	98
84) Di-n-octyl phthalate	23.65	149	629998	30.740	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.42	276	999060	34.986	ng	#	87
87) Benzo(b)fluoranthene	24.96	252	864306	33.864	ng	#	96
88) Benzo(k)fluoranthene	25.03	252	818967	32.838	ng	#	96
89) Benzo(a)pyrene	25.97	252	829578	34.360	ng	#	96
90) Dibenzo(a,h)anthracene	30.50	278	839425	36.080	ng	#	94
91) Benzo(g,h,i)perylene	31.78	276	827862	34.814	ng	#	92

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

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