Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025989.D
Acq On : 28 Feb 2017 7:40
Operator : SJ/MA
Sample : I1989-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Manual Integrations APPROVED
mohammad
3/1/2017 12:37:57 PM

Quant Time: Feb 28 08:14:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	91955	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	475263	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	343712	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	832664	20.00	ng		0.00
75) Chrysene-d12	21.66	240	825002	20.00	ng		-0.02
86) Perylene-d12	24.85	264	809307	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	294950	55.84	ng		-0.01
7) Phenol-d6	7.23	99	456913	58.46	ng		0.00
23) Nitrobenzene-d5	9.23	82	254622	33.81	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	473734	149.18	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1027702	52.25	ng		-0.01
78) Terphenyl-d14	20.01	244	2639282	77.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	25750	10.67	ng	#	85
3) Pyridine	3.94	79	23711	3.30	ng	#	78
4) n-Nitrosodimethylamine	3.84	42	31565	12.20	ng	#	21
6) Aniline	7.39	93	82461	7.59	ng	#	93
8) 2-Chlorophenol	7.64	128	96326	15.34	ng		85
9) Benzaldehyde	7.21	77	29136	6.29	ng	#	72
10) Phenol	7.26	94	148597	17.50	ng	#	72
11) bis(2-Chloroethyl)ether	7.49	93	86972	12.46	ng		90
12) 1,3-Dichlorobenzene	7.97	146	93225	12.85	ng	#	84
13) 1,4-Dichlorobenzene	8.11	146	97099	13.21	ng		94
14) 1,2-Dichlorobenzene	8.43	146	97686	13.54	ng	#	91
15) Benzyl Alcohol	8.30	79	96817	16.92	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.61	45	110601	10.92	ng		89
17) 2-Methylphenol	8.51	107	100669	16.45	ng	#	81
18) Hexachloroethane	9.17	117	31788	13.05	ng		89
19) n-Nitroso-di-n-propylamine	8.87	70	94202	16.50	ng	#	75
20) 3+4-Methylphenols	8.83	107	155648	17.85	ng		88
22) Acetophenone	8.89	105	171601	15.05	ng	#	77
24) Nitrobenzene	9.27	77	115243	14.15	ng	#	81
25) Isophorone	9.79	82	319445	19.27	ng	#	93
26) 2-Nitrophenol	9.98	139	64496	16.94	ng	#	66
27) 2,4-Dimethylphenol	10.04	122	131346	18.48	ng		87
28) bis(2-Chloroethoxy)methane	10.27	93	168585	16.05	ng	#	96
29) 2,4-Dichlorophenol	10.52	162	136376	20.10	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	105203	14.26	ng		98
31) Naphthalene	10.92	128	362341	14.75	ng		99
32) Benzoic acid	10.12	122	103915	19.15	ng	#	76
33) 4-Chloroaniline	11.02	127	152188	14.26	ng	#	84
34) Hexachlorobutadiene	11.22	225	55131	13.13	ng		97
35) Caprolactam	11.78	113	124363m	45.40	ng		
36) 4-Chloro-3-methylphenol	12.13	107	236057	29.08	ng	#	78
37) 2-Methylnaphthalene	12.52	142	357584	19.11	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	159205	18.48	ng		97
40) Hexachlorocyclopentadiene	12.87	237	126064	26.74	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	164357	29.54	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	196098	31.05	ng	#	93
45) 1,1'-Biphenyl	13.51	154	579529	23.27	ng		97
46) 2-Chloronaphthalene	13.56	162	411295	22.84	ng		97
47) 2-Nitroaniline	13.76	65	201518	35.28	ng	#	70
48) Acenaphthylene	14.40	152	868520	27.09	ng		99
49) Dimethylphthalate	14.13	163	1256580	53.29	ng		98
50) 2,6-Dinitrotoluene	14.24	165	202168	38.17	ng	#	67
51) Acenaphthene	14.74	154	579428	27.37	ng		99
52) 3-Nitroaniline	14.57	138	204080	34.44	ng	#	75
53) 2,4-Dinitrophenol	14.78	184	261294	94.27	ng	#	84
54) Dibenzofuran	15.07	168	932343	33.03	ng		91
55) 4-Nitrophenol	14.87	139	470198	97.51	ng	#	46
56) 2,4-Dinitrotoluene	15.03	165	336473	47.22	ng	#	73
57) Fluorene	15.72	166	857064	33.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	243883	43.77	ng	#	98
59) Diethylphthalate	15.48	149	1001526	41.06	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	396691	33.94	ng		93
61) 4-Nitroaniline	15.73	138	291827	47.51	ng	#	55
62) Azobenzene	16.00	77	789581	37.66	ng		85
64) 4,6-Dinitro-2-methylphenol	15.79	198	213269	43.77	ng		92
65) n-Nitrosodiphenylamine	15.92	169	849027	33.62	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	296261	33.95	ng		97
67) Hexachlorobenzene	16.72	284	314657	34.98	ng		95
68) Atrazine	16.86	200	328408	36.74	ng		97
69) Pentachlorophenol	17.06	266	456151	82.21	ng		98
70) Phenanthrene	17.45	178	1661037	36.75	ng		96
71) Anthracene	17.55	178	1715766	37.23	ng		99
72) Carbazole	17.80	167	1721133	37.18	ng		96
73) Di-n-butylphthalate	18.36	149	2008474	44.20	ng	#	94
74) Fluoranthene	19.45	202	2037621	40.94	ng		95
76) Benzidine	19.62	184	523866	20.12	ng		98
77) Pyrene	19.81	202	2078500	39.84	ng		99
79) Butylbenzylphthalate	20.69	149	967410	48.86	ng	#	85
80) Benzo(a)anthracene	21.63	228	2055154	42.67	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	635039	36.98	ng	#	97
82) Chrysene	21.71	228	1892998	40.87	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1351864	47.28	ng		97
84) Di-n-octyl phthalate	22.75	149	2367797	50.15	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.51	276	2559222	46.91	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	2142436	44.20	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	2118993	44.81	ng	#	93
89) Benzo(a)pyrene	24.71	252	2092735	45.60	ng	#	96
90) Dibenzo(a,h)anthracene	28.57	278	2099447	45.53	ng	#	93
91) Benzo(g,h,i)perylene	29.64	276	2119946	45.86	ng	#	88

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

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