Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032716.D
Acq On : 15 Feb 2018 16:39
Operator : SJ/JU
Sample : J1393-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Manual Integrations APPROVED
Sohil
2/16/2018 2:27:23 PM

Quant Time: Feb 16 10:43:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	28612	20.00	ng		-0.05
21) Naphthalene-d8	11.50	136	103203	20.00	ng		-0.05
38) Acenaphthene-d10	15.27	164	82679	20.00	ng		-0.03
63) Phenanthrene-d10	18.01	188	226925	20.00	ng		-0.03
75) Chrysene-d12	22.34	240	289894	20.00	ng		-0.03
86) Perylene-d12	25.96	264	298449	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	167770	117.64	ng		-0.03
7) Phenol-d6	7.75	99	186205	95.49	ng		-0.04
23) Nitrobenzene-d5	9.83	82	135938	83.71	ng		-0.05
41) 2,4,6-Tribromophenol	16.76	330	223291	175.39	ng		-0.03
44) 2-Fluorobiphenyl	13.90	172	560953	84.84	ng		-0.03
78) Terphenyl-d14	20.56	244	1179459	92.73	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.76	88	16539	27.724	ng	#	70
3) Pyridine	4.21	79	19187	12.539	ng		84
4) n-Nitrosodimethylamine	4.11	42	29148	40.539	ng	#	59
6) Aniline	7.93	93	13920	6.040	ng	#	96
8) 2-Chlorophenol	8.18	128	70103	42.749	ng	#	82
9) Benzaldehyde	7.74	77	9545	8.283	ng	#	82
10) Phenol	7.78	94	61114	32.225	ng		84
11) bis(2-Chloroethyl)ether	8.02	93	53315	35.066	ng		84
12) 1,3-Dichlorobenzene	8.66	146	91371	39.506	ng		96
13) 1,4-Dichlorobenzene	8.66	146	91371	39.988	ng		100
14) 1,2-Dichlorobenzene	8.99	146	90202	39.140	ng		97
15) Benzyl Alcohol	8.87	79	54948	37.595	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.16	45	53639	32.780	ng		70
17) 2-Methylphenol	9.08	107	51506	38.348	ng		93
18) Hexachloroethane	9.74	117	27243	32.653	ng	#	84
19) n-Nitroso-di-n-propylamine	9.44	70	48435	36.947	ng	#	92
20) 3+4-Methylphenols	9.40	107	71952	35.445	ng		95
22) Acetophenone	9.47	105	105095	47.881	ng	#	95
24) Nitrobenzene	9.87	77	62423	36.715	ng	#	85
25) Isophorone	10.39	82	121159	39.134	ng	#	86
26) 2-Nitrophenol	10.60	139	40506	44.544	ng	#	79
27) 2,4-Dimethylphenol	10.64	122	66252	55.455	ng		95
28) bis(2-Chloroethoxy)methane	10.87	93	65768	41.555	ng	#	93
29) 2,4-Dichlorophenol	11.14	162	79993	45.747	ng		89
30) 1,2,4-Trichlorobenzene	11.36	180	101277	41.314	ng		96
31) Naphthalene	11.56	128	225175	44.934	ng		100
32) Benzoic acid	10.77	122	28675	31.600	ng	#	77
33) 4-Chloroaniline	11.67	127	7274	3.658	ng	#	87
34) Hexachlorobutadiene	11.83	225	81873	40.752	ng		99
35) Caprolactam	12.42	113	17845	35.937	ng	#	38
36) 4-Chloro-3-methylphenol	12.75	107	84661	53.827	ng	#	82
37) 2-Methylnaphthalene	13.13	142	201769	49.639	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.49	216	156525	40.083	ng		95
40) Hexachlorocyclopentadiene	13.46	237	219006	88.622	ng		92

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Quant Time: Feb 16 10:43:57 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.72	196	91811	47.106	ng		98
43) 2,4,5-Trichlorophenol	13.79	196	86918	35.785	ng	#	93
45) 1,1'-Biphenyl	14.11	154	274523	40.354	ng		92
46) 2-Chloronaphthalene	14.16	162	223662	41.548	ng		96
47) 2-Nitroaniline	14.36	65	47521	40.582	ng	#	77
48) Acenaphthylene	15.00	152	325749	41.130	ng		99
49) Dimethylphthalate	14.70	163	258569	36.180	ng		100
50) 2,6-Dinitrotoluene	14.84	165	62380	42.382	ng	#	78
51) Acenaphthene	15.34	154	253222	46.818	ng		97
52) 3-Nitroaniline	15.17	138	6457	4.968	ng	#	60
53) 2,4-Dinitrophenol	15.37	184	72970	90.192	ng	#	62
54) Dibenzofuran	15.67	168	347265	43.154	ng		98
55) 4-Nitrophenol	15.47	139	68987	72.142	ng	#	78
56) 2,4-Dinitrotoluene	15.62	165	100695	49.652	ng	#	68
57) Fluorene	16.31	166	248862	37.605	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.89	232	109337	47.812	ng	#	86
59) Diethylphthalate	16.05	149	246367	35.429	ng		100
60) 4-Chlorophenyl-phenylether	16.29	204	156374	35.789	ng		94
61) 4-Nitroaniline	16.33	138	25318	18.893	ng	#	74
62) Azobenzene	16.58	77	185655	41.555	ng		85
64) 4,6-Dinitro-2-methylphenol	16.38	198	54046	34.340	ng	#	72
65) n-Nitrosodiphenylamine	16.51	169	217859	32.735	ng		99
66) 4-Bromophenyl-phenylether	17.18	248	138421	42.622	ng		95
67) Hexachlorobenzene	17.31	284	143948	41.268	ng	#	89
68) Atrazine	17.43	200	59759	20.935	ng		97
69) Pentachlorophenol	17.65	266	187504	87.807	ng		99
70) Phenanthrene	18.05	178	513495	42.124	ng		100
71) Anthracene	18.15	178	541772	43.436	ng		98
72) Carbazole	18.41	167	381365	35.861	ng		96
73) Di-n-butylphthalate	18.92	149	534864	44.669	ng		98
74) Fluoranthene	20.03	202	699716	42.997	ng		96
77) Pyrene	20.39	202	722953	41.919	ng		99
79) Butylbenzylphthalate	21.24	149	245697	43.246	ng	#	76
80) Benzo(a)anthracene	22.31	228	758345	41.781	ng		99
81) 3,3'-Dichlorobenzidine	22.21	252	25732	3.796	ng	#	97
82) Chrysene	22.39	228	731661	40.881	ng		99
83) Bis(2-ethylhexyl)phthalate	22.16	149	349118	42.613	ng	#	97
84) Di-n-octyl phthalate	23.51	149	548504	42.672	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.16	276	1026252	48.404	ng	#	83
87) Benzo(b)fluoranthene	24.78	252	691474	38.877	ng	#	96
88) Benzo(k)fluoranthene	24.87	252	656794	35.681	ng	#	96
89) Benzo(a)pyrene	25.79	252	784892	45.298	ng	#	95
90) Dibenzo(a,h)anthracene	30.23	278	866060	50.206	ng	#	94
91) Benzo(g,h,i)perylene	31.46	276	822751	49.339	ng	#	89

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

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