Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036031.D
Acq On : 1 Aug 2018 13:21
Operator : JU/SJ
Sample : PB111524BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111524BSD

Manual Integrations APPROVED
Sohil
8/2/2018 10:18:43 AM

Quant Time: Aug 01 14:36:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30170	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	121680	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	89081	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	239261	20.00	ng		0.00
75) Chrysene-d12	21.65	240	257010	20.00	ng		0.00
86) Perylene-d12	24.84	264	247123	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	259339	142.71	ng		0.00
7) Phenol-d6	7.20	99	376699	138.94	ng		0.00
23) Nitrobenzene-d5	9.18	82	244260	83.86	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	171373	145.96	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	581706	87.49	ng		0.00
78) Terphenyl-d14	20.00	244	1057109	90.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	33858	36.607	ng	#	77
3) Pyridine	3.91	79	94189	39.009	ng	#	73
4) n-Nitrosodimethylamine	3.83	42	35958	34.683	ng	#	74
6) Aniline	7.35	93	111936	31.853	ng		100
8) 2-Chlorophenol	7.59	128	84709	45.833	ng		95
9) Benzaldehyde	7.16	77	51603	31.019	ng		95
10) Phenol	7.22	94	126557	46.202	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	81657	38.066	ng		86
12) 1,3-Dichlorobenzene	7.91	146	98557	44.159	ng		93
13) 1,4-Dichlorobenzene	8.05	146	95245	42.001	ng		97
14) 1,2-Dichlorobenzene	8.38	146	92629	42.520	ng		97
15) Benzyl Alcohol	8.27	79	97749	39.702	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	96362	53.580	ng		79
17) 2-Methylphenol	8.47	107	84648	45.452	ng	#	90
18) Hexachloroethane	9.10	117	37806	43.603	ng		92
19) n-Nitroso-di-n-propylamine	8.82	70	80720	35.355	ng	#	83
20) 3+4-Methylphenols	8.79	107	116773	45.198	ng		92
22) Acetophenone	8.84	105	146685	38.766	ng	#	89
24) Nitrobenzene	9.22	77	122173	41.707	ng	#	94
25) Isophorone	9.75	82	229444	42.434	ng		99
26) 2-Nitrophenol	9.94	139	50449	48.492	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	91547	51.984	ng		90
28) bis(2-Chloroethoxy)methane	10.22	93	121208	40.681	ng		99
29) 2,4-Dichlorophenol	10.47	162	100239	49.864	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	108470	44.004	ng		93
31) Naphthalene	10.87	128	265230	41.845	ng		98
32) Benzoic acid	10.16	122	24308	20.504	ng		91
33) 4-Chloroaniline	10.99	127	72384	26.202	ng	#	97
34) Hexachlorobutadiene	11.16	225	85338	44.396	ng		94
35) Caprolactam	11.77	113	33016m	38.272	ng		
36) 4-Chloro-3-methylphenol	12.11	107	121492	45.088	ng		97
37) 2-Methylnaphthalene	12.48	142	208477	44.148	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	143544	42.693	ng		98
40) Hexachlorocyclopentadiene	12.82	237	184011	104.356	ng		92

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	95467	48.553 ng		96
43) 2,4,5-Trichlorophenol	13.16	196	100901	45.872 ng		95
45) 1,1'-Biphenyl	13.48	154	294967	42.709 ng		98
46) 2-Chloronaphthalene	13.52	162	235683	43.872 ng		99
47) 2-Nitroaniline	13.73	65	79578	41.901 ng		98
48) Acenaphthylene	14.37	152	384836	42.765 ng		98
49) Dimethylphthalate	14.10	163	323965	41.508 ng		99
50) 2,6-Dinitrotoluene	14.22	165	75707	47.634 ng	#	85
51) Acenaphthene	14.71	154	223976	39.955 ng		97
52) 3-Nitroaniline	14.56	138	47751	29.396 ng	#	96
53) 2,4-Dinitrophenol	14.76	184	54476	67.751 ng	#	75
54) Dibenzofuran	15.04	168	376959	42.283 ng		93
55) 4-Nitrophenol	14.87	139	91603	79.183 ng	#	87
56) 2,4-Dinitrotoluene	15.01	165	107043	46.946 ng	#	85
57) Fluorene	15.69	166	319849	42.805 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	96996	45.992 ng		97
59) Diethylphthalate	15.46	149	316440	39.430 ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	186286	42.417 ng		97
61) 4-Nitroaniline	15.72	138	69630	40.978 ng	#	84
62) Azobenzene	15.97	77	323232	40.832 ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	59196	44.445 ng		89
65) n-Nitrosodiphenylamine	15.90	169	279411	41.028 ng		99
66) 4-Bromophenyl-phenylether	16.58	248	125427	45.185 ng		97
67) Hexachlorobenzene	16.70	284	127401	44.568 ng		94
68) Atrazine	16.85	200	125178	44.643 ng		97
69) Pentachlorophenol	17.04	266	113027	64.915 ng		96
70) Phenanthrene	17.43	178	511893	42.877 ng		99
71) Anthracene	17.52	178	519453	43.697 ng		98
72) Carbazole	17.79	167	458157	40.582 ng		97
73) Di-n-butylphthalate	18.35	149	531346	39.828 ng		99
74) Fluoranthene	19.44	202	658551	40.951 ng		97
76) Benzidine	19.62	184	294315	43.558 ng		98
77) Pyrene	19.80	202	662031	40.738 ng		99
79) Butylbenzylphthalate	20.68	149	243889	41.967 ng	#	97
80) Benzo(a)anthracene	21.63	228	663294	41.414 ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	171167	30.650 ng		99
82) Chrysene	21.70	228	622241	41.925 ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	334956	42.396 ng		99
84) Di-n-octyl phthalate	22.73	149	567212	42.878 ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	703290	42.800 ng	#	88
87) Benzo(b)fluoranthene	23.83	252	637567	42.448 ng	#	96
88) Benzo(k)fluoranthene	23.90	252	610796	41.595 ng	#	97
89) Benzo(a)pyrene	24.70	252	609145	43.593 ng	#	95
90) Dibenzo(a,h)anthracene	28.54	278	585190	42.657 ng	#	95
91) Benzo(g,h,i)perylene	29.62	276	580056	43.210 ng	#	94

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

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