Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
Data File : BG036364.D
Acq On : 23 Aug 2018 5:03
Operator : JU/SJ
Sample : PB112219BSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Manual Integrations APPROVED
Sohil
8/23/2018 6:34:46 PM

Quant Time: Aug 23 12:41:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51863	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	226095	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	148374	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	385921	20.00	ng	0.00
75) Chrysene-d12	21.71	240	395011	20.00	ng	0.00
86) Perylene-d12	24.93	264	398482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	317966	97.25	ng	0.00
7) Phenol-d6	7.22	99	445188	95.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	328506	78.83	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	169727	95.87	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	787234	75.76	ng	0.00
78) Terphenyl-d14	20.05	244	1363311	80.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	51434	33.709	ng	97
3) Pyridine	3.93	79	150740	35.196	ng	98
4) n-Nitrosodimethylamine	3.85	42	79556	41.705	ng	93
6) Aniline	7.40	93	208083	35.021	ng	97
8) 2-Chlorophenol	7.64	128	156372	44.104	ng	97
9) Benzaldehyde	7.21	77	76399	23.701	ng	99
10) Phenol	7.25	94	220538	45.020	ng	100
11) bis(2-Chloroethyl)ether	7.49	93	150870	38.848	ng	98
12) 1,3-Dichlorobenzene	7.96	146	155306	38.362	ng	99
13) 1,4-Dichlorobenzene	8.11	146	156577	38.307	ng	99
14) 1,2-Dichlorobenzene	8.43	146	149759	38.365	ng	95
15) Benzyl Alcohol	8.31	79	161861	42.893	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.61	45	298988	38.175	ng	98
17) 2-Methylphenol	8.51	107	146301	44.978	ng	97
18) Hexachloroethane	9.16	117	56421	38.500	ng	96
19) n-Nitroso-di-n-propylamine	8.88	70	132618	37.908	ng	98
20) 3+4-Methylphenols	8.83	107	199948	44.029	ng	99
22) Acetophenone	8.89	105	240226	40.462	ng	98
24) Nitrobenzene	9.28	77	187874	41.810	ng	97
25) Isophorone	9.80	82	372430	44.989	ng	97
26) 2-Nitrophenol	9.99	139	72959	40.973	ng	96
27) 2,4-Dimethylphenol	10.05	122	162576	49.315	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	210634	41.459	ng	98
29) 2,4-Dichlorophenol	10.52	162	161959	44.827	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	162141	38.362	ng	100
31) Naphthalene	10.93	128	477774	42.272	ng	99
32) Benzoic acid	10.17	122	102517	42.510	ng	96
33) 4-Chloroaniline	11.03	127	148472	28.667	ng	96
34) Hexachlorobutadiene	11.22	225	107230	37.760	ng	99
35) Caprolactam	11.80	113	64021m	44.482	ng	
36) 4-Chloro-3-methylphenol	12.14	107	187514	44.666	ng	97
37) 2-Methylnaphthalene	12.53	142	371039	44.866	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	203937	38.839	ng	98
40) Hexachlorocyclopentadiene	12.88	237	243953	89.295	ng	98

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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	13.13	196	136975	42.825 ng	94
43) 2,4,5-Trichlorophenol	13.20	196	149978	43.962 ng	99
45) 1,1'-Biphenyl	13.54	154	478315	38.836 ng	98
46) 2-Chloronaphthalene	13.58	162	360302	38.320 ng	99
47) 2-Nitroaniline	13.77	65	129810	43.966 ng	97
48) Acenaphthylene	14.42	152	628665	42.782 ng	99
49) Dimethylphthalate	14.15	163	505767	41.745 ng	99
50) 2,6-Dinitrotoluene	14.26	165	106626	42.769 ng	99
51) Acenaphthene	14.76	154	421150	44.751 ng	99
52) 3-Nitroaniline	14.59	138	90955	33.855 ng	99
53) 2,4-Dinitrophenol	14.80	184	99089	104.932 ng	96
54) Dibenzofuran	15.10	168	588599	39.922 ng	99
55) 4-Nitrophenol	14.89	139	195821	89.146 ng	99
56) 2,4-Dinitrotoluene	15.05	165	150605	46.352 ng	95
57) Fluorene	15.74	166	477785	43.349 ng	95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	149936	46.777 ng	99
59) Diethylphthalate	15.52	149	515430	42.214 ng	100
60) 4-Chlorophenyl-phenylether	15.74	204	265758	39.048 ng	99
61) 4-Nitroaniline	15.76	138	123462	43.916 ng	97
62) Azobenzene	16.03	77	509062	40.977 ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	67790	39.988 ng	97
65) n-Nitrosodiphenylamine	15.95	169	442086	38.553 ng	99
66) 4-Bromophenyl-phenylether	16.63	248	175052	38.742 ng	98
67) Hexachlorobenzene	16.74	284	174329	37.732 ng	98
68) Atrazine	16.90	200	187096	43.469 ng	98
69) Pentachlorophenol	17.08	266	231536	73.737 ng	98
70) Phenanthrene	17.48	178	833057	42.482 ng	99
71) Anthracene	17.57	178	839704	42.957 ng	99
72) Carbazole	17.84	167	770417	39.464 ng	99
73) Di-n-butylphthalate	18.41	149	900161	41.408 ng	99
74) Fluoranthene	19.49	202	1046754	43.782 ng	99
76) Benzidine	19.66	184	420322	33.352 ng	99
77) Pyrene	19.85	202	1017963	41.907 ng	99
79) Butylbenzylphthalate	20.74	149	414424	42.870 ng	96
80) Benzo(a)anthracene	21.69	228	1025847	42.868 ng	100
81) 3,3'-Dichlorobenzidine	21.61	252	277856	29.134 ng	97
82) Chrysene	21.76	228	945962	41.704 ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	575414	42.536 ng	99
84) Di-n-octyl phthalate	22.85	149	986752	43.671 ng	99
85) Indeno(1,2,3-cd)pyrene	28.61	276	1171885	44.481 ng	100
87) Benzo(b)fluoranthene	23.91	252	1018961	46.049 ng	98
88) Benzo(k)fluoranthene	23.99	252	980851	45.372 ng	99
89) Benzo(a)pyrene	24.79	252	977889	45.990 ng	99
90) Dibenzo(a,h)anthracene	28.68	278	942561	45.917 ng	97
91) Benzo(g,h,i)perylene	29.75	276	967196	46.887 ng	98

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

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