Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
Data File : BG035822.D
Acq On : 23 Jul 2018 11:26
Operator : JU/SJ
Sample : PB111306BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111306BS

Manual Integrations APPROVED
Sohil
7/24/2018 3:05:43 PM

Quant Time: Jul 23 12:06:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48478	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	176105	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	126036	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	364232	20.00	ng		0.00
75) Chrysene-d12	21.66	240	413049	20.00	ng		0.00
86) Perylene-d12	24.86	264	405562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	393133	134.64	ng		0.00
7) Phenol-d6	7.20	99	573452	131.63	ng		0.00
23) Nitrobenzene-d5	9.19	82	358278	84.99	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	265997	160.12	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	824255	87.62	ng		0.00
78) Terphenyl-d14	20.00	244	1673998	89.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	42225	28.412	ng	#	78
3) Pyridine	3.91	79	126412	32.582	ng	#	72
4) n-Nitrosodimethylamine	3.83	42	55520	33.328	ng	#	78
6) Aniline	7.36	93	105258	18.641	ng		98
8) 2-Chlorophenol	7.60	128	128926	43.413	ng		93
9) Benzaldehyde	7.17	77	64513	24.134	ng		97
10) Phenol	7.23	94	191691	43.552	ng		92
11) bis(2-Chloroethyl)ether	7.45	93	128822	37.373	ng		87
12) 1,3-Dichlorobenzene	7.92	146	144184	40.205	ng		97
13) 1,4-Dichlorobenzene	8.06	146	148105	40.646	ng		96
14) 1,2-Dichlorobenzene	8.38	146	140788	40.220	ng		96
15) Benzyl Alcohol	8.27	79	150384	38.013	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144964	50.164	ng		79
17) 2-Methylphenol	8.47	107	129138	43.154	ng	#	90
18) Hexachloroethane	9.11	117	54850	39.369	ng	#	86
19) n-Nitroso-di-n-propylamine	8.83	70	121203	33.038	ng	#	83
20) 3+4-Methylphenols	8.80	107	174694	42.080	ng		91
22) Acetophenone	8.85	105	219385	40.060	ng	#	95
24) Nitrobenzene	9.24	77	179757	42.400	ng		97
25) Isophorone	9.75	82	338653	43.275	ng		99
26) 2-Nitrophenol	9.94	139	75642	50.237	ng	#	87
27) 2,4-Dimethylphenol	10.00	122	134789	52.885	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	179782	41.693	ng		99
29) 2,4-Dichlorophenol	10.48	162	147691	50.763	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	164854	46.209	ng		97
31) Naphthalene	10.88	128	394892	43.047	ng		97
32) Benzoic acid	10.18	122	65649	38.262	ng		91
33) 4-Chloroaniline	11.00	127	42078	10.524	ng	#	95
34) Hexachlorobutadiene	11.16	225	124152	44.628	ng		94
35) Caprolactam	11.78	113	53268m	42.665	ng		
36) 4-Chloro-3-methylphenol	12.12	107	184557	47.325	ng		94
37) 2-Methylnaphthalene	12.48	142	308174	45.092	ng		90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	210602	44.272	ng		99
40) Hexachlorocyclopentadiene	12.82	237	277153	111.093	ng		97

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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	13.09	196	140581	50.534	ng		93
43) 2,4,5-Trichlorophenol	13.17	196	155995	50.125	ng		98
45) 1,1'-Biphenyl	13.49	154	428908	43.894	ng		97
46) 2-Chloronaphthalene	13.53	162	346070	45.531	ng		99
47) 2-Nitroaniline	13.74	65	123366	45.911	ng		95
48) Acenaphthylene	14.38	152	565370	44.405	ng		98
49) Dimethylphthalate	14.11	163	484894	43.911	ng		98
50) 2,6-Dinitrotoluene	14.23	165	112192	49.892	ng		93
51) Acenaphthene	14.72	154	329026	41.485	ng		99
52) 3-Nitroaniline	14.56	138	41942	18.249	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	115045	97.885	ng	#	62
54) Dibenzofuran	15.05	168	559482	44.355	ng		96
55) 4-Nitrophenol	14.88	139	171831	104.981	ng	#	86
56) 2,4-Dinitrotoluene	15.02	165	169497	52.540	ng	#	87
57) Fluorene	15.70	166	476237	45.047	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	160063	53.642	ng		93
59) Diethylphthalate	15.47	149	499324	43.975	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	274651	44.201	ng		95
61) 4-Nitroaniline	15.73	138	111374	46.326	ng	#	78
62) Azobenzene	15.98	77	495304	44.223	ng		96
64) 4,6-Dinitro-2-methylphenol	15.78	198	90469	44.620	ng		83
65) n-Nitrosodiphenylamine	15.91	169	436941	42.146	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	187306	44.325	ng		97
67) Hexachlorobenzene	16.70	284	197199	45.316	ng		96
68) Atrazine	16.85	200	210502	49.314	ng		97
69) Pentachlorophenol	17.05	266	195764	73.857	ng		98
70) Phenanthrene	17.44	178	801614	44.106	ng		97
71) Anthracene	17.53	178	830716	45.904	ng		97
72) Carbazole	17.80	167	774952	45.091	ng		97
73) Di-n-butylphthalate	18.35	149	890743	43.859	ng	#	99
74) Fluoranthene	19.45	202	1108510	45.281	ng		96
76) Benzidine	19.63	184	334363	30.791	ng		96
77) Pyrene	19.81	202	1113441	42.632	ng		98
79) Butylbenzylphthalate	20.69	149	435170	46.593	ng	#	93
80) Benzo(a)anthracene	21.64	228	1144461	44.462	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	226423	25.228	ng	#	96
82) Chrysene	21.71	228	1070627	44.885	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	584193	46.009	ng		96
84) Di-n-octyl phthalate	22.74	149	1016847	47.829	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1240884	46.989	ng	#	85
87) Benzo(b)fluoranthene	23.84	252	1114810	45.226	ng	#	96
88) Benzo(k)fluoranthene	23.92	252	1063169	44.117	ng	#	96
89) Benzo(a)pyrene	24.71	252	1071324	46.717	ng	#	97
90) Dibenzo(a,h)anthracene	28.57	278	1045572	46.441	ng	#	96
91) Benzo(g,h,i)perylene	29.65	276	1026560	46.597	ng	#	93

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

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