Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
Data File : BG036086.D
Acq On : 3 Aug 2018 9:08
Operator : JU/SJ
Sample : PB111691BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111691BS

Manual Integrations APPROVED
Sohil
8/3/2018 12:58:43 PM

Quant Time: Aug 03 10:42:39 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	22260	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	89380	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	67156	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	203335	20.00	ng		0.00
75) Chrysene-d12	21.65	240	228297	20.00	ng		-0.01
86) Perylene-d12	24.85	264	221952	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	187878	140.13	ng		0.00
7) Phenol-d6	7.19	99	267426	133.68	ng		0.00
23) Nitrobenzene-d5	9.18	82	177613	83.01	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	138926	156.95	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	423817	84.55	ng		-0.01
78) Terphenyl-d14	20.00	244	949816	91.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26298	38.537	ng	#	70
3) Pyridine	3.91	79	65049	36.514	ng	#	79
4) n-Nitrosodimethylamine	3.83	42	27950	36.539	ng	#	85
6) Aniline	7.35	93	76500	29.504	ng		93
8) 2-Chlorophenol	7.59	128	63510	46.574	ng		97
9) Benzaldehyde	7.16	77	36875	30.043	ng		95
10) Phenol	7.22	94	90631	44.844	ng		94
11) bis(2-Chloroethyl)ether	7.44	93	62099	39.235	ng		87
12) 1,3-Dichlorobenzene	7.91	146	70050	42.539	ng		94
13) 1,4-Dichlorobenzene	8.06	146	70645	42.223	ng		93
14) 1,2-Dichlorobenzene	8.37	146	68774	42.788	ng		93
15) Benzyl Alcohol	8.26	79	67999	37.433	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.55	45	69803	52.605	ng		71
17) 2-Methylphenol	8.47	107	57653	41.957	ng	#	88
18) Hexachloroethane	9.10	117	26761	41.832	ng		91
19) n-Nitroso-di-n-propylamine	8.82	70	57067	33.877	ng	#	83
20) 3+4-Methylphenols	8.79	107	82181	43.112	ng		92
22) Acetophenone	8.84	105	109057	39.237	ng	#	88
24) Nitrobenzene	9.22	77	88894	41.313	ng	#	90
25) Isophorone	9.74	82	164173	41.335	ng		99
26) 2-Nitrophenol	9.94	139	37011	48.431	ng	#	92
27) 2,4-Dimethylphenol	9.99	122	65593	50.707	ng		85
28) bis(2-Chloroethoxy)methane	10.22	93	86263	39.416	ng		96
29) 2,4-Dichlorophenol	10.48	162	70530	47.764	ng		85
30) 1,2,4-Trichlorobenzene	10.69	180	80778	44.612	ng		92
31) Naphthalene	10.87	128	194624	41.802	ng		98
32) Benzoic acid	10.17	122	17336m	19.908	ng		
33) 4-Chloroaniline	10.99	127	51862	25.557	ng	#	92
34) Hexachlorobutadiene	11.15	225	59879	42.409	ng		92
35) Caprolactam	11.76	113	24199	38.188	ng	#	72
36) 4-Chloro-3-methylphenol	12.11	107	89764	45.352	ng		94
37) 2-Methylnaphthalene	12.47	142	155184	44.738	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	106127	41.870	ng		99
40) Hexachlorocyclopentadiene	12.82	237	123832	93.155	ng		92

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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	68134	45.965	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	74899	45.168	ng		98
45) 1,1'-Biphenyl	13.48	154	215215	41.335	ng		98
46) 2-Chloronaphthalene	13.52	162	174283	43.034	ng		98
47) 2-Nitroaniline	13.73	65	59086	41.268	ng		93
48) Acenaphthylene	14.37	152	293900	43.322	ng		99
49) Dimethylphthalate	14.10	163	245378	41.704	ng	#	98
50) 2,6-Dinitrotoluene	14.22	165	57741	48.191	ng		91
51) Acenaphthene	14.71	154	170794	40.415	ng		97
52) 3-Nitroaniline	14.56	138	40272	32.885	ng	#	94
53) 2,4-Dinitrophenol	14.77	184	28976	49.741	ng	#	61
54) Dibenzofuran	15.05	168	291283	43.339	ng		96
55) 4-Nitrophenol	14.88	139	66141	75.839	ng	#	82
56) 2,4-Dinitrotoluene	15.01	165	85081	49.496	ng		93
57) Fluorene	15.69	166	247416	43.922	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	78991	49.682	ng		94
59) Diethylphthalate	15.46	149	259661	42.918	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	145684	44.002	ng		96
61) 4-Nitroaniline	15.72	138	56572	44.162	ng	#	81
62) Azobenzene	15.97	77	259661	43.511	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	41297	36.485	ng		79
65) n-Nitrosodiphenylamine	15.90	169	226718	39.173	ng		96
66) 4-Bromophenyl-phenylether	16.57	248	98362	41.696	ng		92
67) Hexachlorobenzene	16.70	284	103217	42.487	ng		96
68) Atrazine	16.84	200	104267	43.755	ng		97
69) Pentachlorophenol	17.04	266	86288	58.314	ng		99
70) Phenanthrene	17.43	178	426339	42.020	ng		99
71) Anthracene	17.52	178	439102	43.464	ng		98
72) Carbazole	17.79	167	396717	41.349	ng		96
73) Di-n-butylphthalate	18.34	149	454947	40.126	ng	#	98
74) Fluoranthene	19.44	202	578303	42.315	ng		96
76) Benzidine	19.62	184	206749	34.447	ng		98
77) Pyrene	19.80	202	583251	40.404	ng		99
79) Butylbenzylphthalate	20.68	149	213551	41.368	ng		98
80) Benzo(a)anthracene	21.63	228	600351	42.198	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	153173	30.878	ng		97
82) Chrysene	21.70	228	567117	43.017	ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	306002	43.602	ng		98
84) Di-n-octyl phthalate	22.73	149	512425	43.608	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.48	276	606223	41.533	ng	#	86
87) Benzo(b)fluoranthene	23.83	252	585886	43.431	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	553530	41.971	ng	#	97
89) Benzo(a)pyrene	24.70	252	552404	44.016	ng	#	95
90) Dibenzo(a,h)anthracene	28.55	278	504836	40.973	ng	#	94
91) Benzo(g,h,i)perylene	29.62	276	508259	42.156	ng	#	94

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

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