Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035791.D
Acq On : 20 Jul 2018 19:27
Operator : JU/SJ
Sample : PB111092BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Manual Integrations APPROVED
Sohil
7/23/2018 2:19:04 PM

Quant Time: Jul 21 00:56:46 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	39504	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	147539	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	101452	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	265910	20.00	ng		0.00
75) Chrysene-d12	21.66	240	289781	20.00	ng		0.00
86) Perylene-d12	24.86	264	275795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	352273	148.05	ng		0.00
7) Phenol-d6	7.20	99	507432	142.94	ng		0.00
23) Nitrobenzene-d5	9.19	82	322371	91.28	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	209008	156.30	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	729669	96.36	ng		0.00
78) Terphenyl-d14	20.00	244	1299825	98.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	41243	34.056	ng	#	75
3) Pyridine	3.92	79	109805	34.731	ng	#	71
4) n-Nitrosodimethylamine	3.83	42	49098	36.168	ng	#	71
6) Aniline	7.35	93	128712	27.972	ng		97
8) 2-Chlorophenol	7.60	128	113400	46.860	ng		96
9) Benzaldehyde	7.17	77	72481	33.275	ng		93
10) Phenol	7.23	94	164876	45.970	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	114038	40.600	ng		88
12) 1,3-Dichlorobenzene	7.92	146	126695	43.353	ng		97
13) 1,4-Dichlorobenzene	8.06	146	129266	43.535	ng		93
14) 1,2-Dichlorobenzene	8.38	146	119938	42.047	ng		96
15) Benzyl Alcohol	8.27	79	127421	39.525	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	127043	53.949	ng		76
17) 2-Methylphenol	8.47	107	110092	45.147	ng		95
18) Hexachloroethane	9.11	117	49842	43.902	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	100558	33.638	ng	#	82
20) 3+4-Methylphenols	8.80	107	149146	44.088	ng		96
22) Acetophenone	8.85	105	188236	41.028	ng	#	92
24) Nitrobenzene	9.23	77	154699	43.554	ng		94
25) Isophorone	9.75	82	286540	43.705	ng		100
26) 2-Nitrophenol	9.94	139	64729	51.313	ng	#	87
27) 2,4-Dimethylphenol	10.00	122	115156	53.930	ng		89
28) bis(2-Chloroethoxy)methane	10.23	93	156024	43.189	ng	#	91
29) 2,4-Dichlorophenol	10.48	162	124070	50.901	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	137698	46.070	ng		96
31) Naphthalene	10.88	128	337934	43.971	ng		99
32) Benzoic acid	10.16	122	51725m	35.984	ng		
33) 4-Chloroaniline	10.99	127	60092	17.940	ng		97
34) Hexachlorobutadiene	11.16	225	105933	45.452	ng		96
35) Caprolactam	11.76	113	42243m	40.385	ng		
36) 4-Chloro-3-methylphenol	12.12	107	151202	46.279	ng		91
37) 2-Methylnaphthalene	12.48	142	264388	46.175	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	179115	46.777	ng		98
40) Hexachlorocyclopentadiene	12.83	237	245119	122.061	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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	114979	51.346	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	125542	50.115	ng		96
45) 1,1'-Biphenyl	13.49	154	364520	46.344	ng		98
46) 2-Chloronaphthalene	13.53	162	289444	47.309	ng		98
47) 2-Nitroaniline	13.73	65	98774	45.666	ng		99
48) Acenaphthylene	14.38	152	469362	45.798	ng		97
49) Dimethylphthalate	14.11	163	394396	44.371	ng		99
50) 2,6-Dinitrotoluene	14.23	165	87309	48.235	ng		90
51) Acenaphthene	14.72	154	273394	42.824	ng		98
52) 3-Nitroaniline	14.57	138	46698	25.242	ng	#	88
53) 2,4-Dinitrophenol	14.77	184	65384	71.047	ng	#	60
54) Dibenzofuran	15.05	168	459332	45.240	ng		95
55) 4-Nitrophenol	14.88	139	124807	94.729	ng		91
56) 2,4-Dinitrotoluene	15.01	165	129208	49.757	ng		90
57) Fluorene	15.70	166	386139	45.375	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.28	232	121052	50.399	ng	#	92
59) Diethylphthalate	15.46	149	391802	42.867	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	224391	44.863	ng		94
61) 4-Nitroaniline	15.72	138	83511	43.154	ng		88
62) Azobenzene	15.98	77	390946	43.364	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	57117	38.587	ng		83
65) n-Nitrosodiphenylamine	15.91	169	339770	44.891	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	146537	47.500	ng		94
67) Hexachlorobenzene	16.70	284	153958	48.461	ng		95
68) Atrazine	16.85	200	154681	49.636	ng		97
69) Pentachlorophenol	17.05	266	115728	59.805	ng		95
70) Phenanthrene	17.44	178	619650	46.701	ng		99
71) Anthracene	17.53	178	630736	47.740	ng		96
72) Carbazole	17.80	167	570724	45.487	ng		98
73) Di-n-butylphthalate	18.35	149	665240	44.867	ng	#	98
74) Fluoranthene	19.44	202	817249	45.727	ng		96
76) Benzidine	19.62	184	269715	35.403	ng		98
77) Pyrene	19.81	202	814193	44.435	ng		98
79) Butylbenzylphthalate	20.69	149	304673	46.498	ng		95
80) Benzo(a)anthracene	21.64	228	827112	45.802	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	175989	27.950	ng	#	99
82) Chrysene	21.71	228	767827	45.884	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	425963	47.818	ng		98
84) Di-n-octyl phthalate	22.74	149	716957	48.068	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	877688	47.373	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	781213	46.604	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	770378	47.009	ng	#	98
89) Benzo(a)pyrene	24.71	252	762839	48.916	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	730268	47.699	ng	#	95
91) Benzo(g,h,i)perylene	29.64	276	728698	48.640	ng	#	93

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

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