Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
Data File : BG035982.D
Acq On : 30 Jul 2018 18:55
Operator : JU/SJ
Sample : PB111594BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111594BS

Manual Integrations APPROVED
Sohil
7/31/2018 2:39:52 PM

Quant Time: Jul 31 01:49:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32581	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	128326	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	97328	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	283276	20.00	ng	0.00
75) Chrysene-d12	21.66	240	303983	20.00	ng	0.00
86) Perylene-d12	24.85	264	294254	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	193868	98.79	ng	0.00
7) Phenol-d6	7.19	99	291369	99.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	286463	93.25	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	145571	113.48	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	694605	95.61	ng	0.00
78) Terphenyl-d14	20.00	244	1251224	90.73	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	29087	29.122	ng	# 78
3) Pyridine	3.90	79	85025	32.608	ng	# 75
4) n-Nitrosodimethylamine	3.82	42	37717	33.688	ng	# 85
6) Aniline	7.35	93	89891	23.687	ng	96
8) 2-Chlorophenol	7.59	128	99007	49.605	ng	94
9) Benzaldehyde	7.16	77	65239	36.314	ng	96
10) Phenol	7.22	94	147258	49.782	ng	92
11) bis(2-Chloroethyl)ether	7.44	93	95456	41.205	ng	92
12) 1,3-Dichlorobenzene	7.91	146	104324m	43.284	ng	
13) 1,4-Dichlorobenzene	8.06	146	106284	43.400	ng	96
14) 1,2-Dichlorobenzene	8.37	146	105801	44.972	ng	97
15) Benzyl Alcohol	8.26	79	114599	43.101	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	106464	54.817	ng	77
17) 2-Methylphenol	8.47	107	100551	49.996	ng	95
18) Hexachloroethane	9.10	117	39075	41.731	ng	91
19) n-Nitroso-di-n-propylamine	8.83	70	93541	37.939	ng	# 84
20) 3+4-Methylphenols	8.79	107	135177	48.449	ng	92
22) Acetophenone	8.84	105	174028	43.610	ng	# 93
24) Nitrobenzene	9.23	77	140717	45.549	ng	94
25) Isophorone	9.74	82	269578	47.274	ng	99
26) 2-Nitrophenol	9.94	139	58816	53.606	ng	# 86
27) 2,4-Dimethylphenol	10.00	122	102486	55.182	ng	86
28) bis(2-Chloroethoxy)methane	10.23	93	144516	45.992	ng	92
29) 2,4-Dichlorophenol	10.48	162	119850	56.532	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	127247	48.948	ng	96
31) Naphthalene	10.88	128	311055	46.533	ng	97
32) Benzoic acid	10.17	122	32802m	26.236	ng	
33) 4-Chloroaniline	10.99	127	33750	11.584	ng	# 95
34) Hexachlorobutadiene	11.16	225	94386	46.561	ng	98
35) Caprolactam	11.76	113	43613m	47.937	ng	
36) 4-Chloro-3-methylphenol	12.11	107	149038	52.446	ng	98
37) 2-Methylnaphthalene	12.48	142	249755	50.150	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	168813	45.954	ng	98
40) Hexachlorocyclopentadiene	12.82	237	203802	105.787	ng	92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	113885	53.012	ng		93
43) 2,4,5-Trichlorophenol	13.16	196	127879	53.211	ng		99
45) 1,1'-Biphenyl	13.48	154	349612	46.332	ng		100
46) 2-Chloronaphthalene	13.53	162	278623	47.470	ng		97
47) 2-Nitroaniline	13.73	65	104665	50.440	ng		97
48) Acenaphthylene	14.37	152	473159	48.125	ng		98
49) Dimethylphthalate	14.10	163	402778	47.234	ng		98
50) 2,6-Dinitrotoluene	14.22	165	93386	53.779	ng		91
51) Acenaphthene	14.71	154	274633	44.840	ng		99
52) 3-Nitroaniline	14.56	138	39893	22.477	ng	#	94
53) 2,4-Dinitrophenol	14.77	184	53270	61.329	ng	#	63
54) Dibenzofuran	15.05	168	475208	48.786	ng		94
55) 4-Nitrophenol	14.87	139	128849	101.941	ng	#	88
56) 2,4-Dinitrotoluene	15.01	165	143249	57.501	ng	#	84
57) Fluorene	15.69	166	398821	48.851	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	135287	58.712	ng		90
59) Diethylphthalate	15.46	149	419471	47.839	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	236402	49.267	ng		99
61) 4-Nitroaniline	15.72	138	93241	50.223	ng	#	83
62) Azobenzene	15.98	77	411057	47.527	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	65750	41.696	ng		85
65) n-Nitrosodiphenylamine	15.90	169	366358	45.436	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	160374	48.798	ng		90
67) Hexachlorobenzene	16.70	284	167378	49.455	ng		96
68) Atrazine	16.85	200	172529	51.969	ng		96
69) Pentachlorophenol	17.05	266	138832	67.347	ng		98
70) Phenanthrene	17.43	178	676824	47.883	ng		98
71) Anthracene	17.53	178	698733	49.645	ng		97
72) Carbazole	17.80	167	635434	47.540	ng		98
73) Di-n-butylphthalate	18.34	149	739716	46.831	ng	#	98
74) Fluoranthene	19.44	202	921080	48.377	ng		95
76) Benzidine	19.62	184	267526	33.475	ng		99
77) Pyrene	19.80	202	914927	47.600	ng		98
79) Butylbenzylphthalate	20.68	149	338885	49.303	ng		97
80) Benzo(a)anthracene	21.63	228	913255	48.210	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	187758	28.426	ng	#	98
82) Chrysene	21.70	228	863930	49.215	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	465550	49.820	ng		100
84) Di-n-octyl phthalate	22.73	149	793680	50.726	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	961982	49.497	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	869552	48.620	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	848336	48.519	ng	#	97
89) Benzo(a)pyrene	24.71	252	840829	50.535	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	804881	49.274	ng	#	95
91) Benzo(g,h,i)perylene	29.63	276	798328	49.944	ng	#	93

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

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