Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
Data File : BG035827.D
Acq On : 23 Jul 2018 14:41
Operator : JU/SJ
Sample : PB111350BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111350BS

Manual Integrations APPROVED
Sohil
7/24/2018 3:05:48 PM

Quant Time: Jul 23 15:37:31 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	39064	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	145258	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	101035	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	300806	20.00	ng		0.00
75) Chrysene-d12	21.66	240	342598	20.00	ng		0.00
86) Perylene-d12	24.86	264	333171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	269875	114.70	ng		0.00
7) Phenol-d6	7.20	99	382667	109.01	ng		0.00
23) Nitrobenzene-d5	9.19	82	243752	70.10	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	176652	132.65	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	562138	74.54	ng		0.00
78) Terphenyl-d14	20.00	244	1182243	76.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	31754	26.516	ng	#	74
3) Pyridine	3.91	79	89108	28.502	ng	#	73
4) n-Nitrosodimethylamine	3.83	42	37208	27.718	ng	#	66
6) Aniline	7.35	93	87887	19.315	ng		98
8) 2-Chlorophenol	7.59	128	88503	36.984	ng		97
9) Benzaldehyde	7.17	77	43273	20.090	ng		88
10) Phenol	7.22	94	130989	36.933	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	86591	31.175	ng		89
12) 1,3-Dichlorobenzene	7.92	146	95880	33.178	ng		94
13) 1,4-Dichlorobenzene	8.06	146	99392	33.851	ng		96
14) 1,2-Dichlorobenzene	8.38	146	94472	33.492	ng		94
15) Benzyl Alcohol	8.27	79	96206	30.179	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	95674	41.086	ng		72
17) 2-Methylphenol	8.47	107	83157	34.485	ng	#	91
18) Hexachloroethane	9.10	117	37332	33.253	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	79036	26.736	ng	#	85
20) 3+4-Methylphenols	8.80	107	116568	34.846	ng		90
22) Acetophenone	8.85	105	147631	32.683	ng	#	92
24) Nitrobenzene	9.23	77	119586	34.197	ng		97
25) Isophorone	9.75	82	221355	34.293	ng		99
26) 2-Nitrophenol	9.94	139	48791	39.286	ng	#	90
27) 2,4-Dimethylphenol	10.00	122	89700	42.668	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	122324	34.392	ng		98
29) 2,4-Dichlorophenol	10.48	162	98720	41.137	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	107747	36.615	ng		98
31) Naphthalene	10.88	128	267083	35.297	ng		97
32) Benzoic acid	10.15	122	31773	22.451	ng		99
33) 4-Chloroaniline	10.99	127	53778	16.307	ng		96
34) Hexachlorobutadiene	11.16	225	80810	35.217	ng		96
35) Caprolactam	11.76	113	34504m	33.504	ng		
36) 4-Chloro-3-methylphenol	12.11	107	119475	37.142	ng		93
37) 2-Methylnaphthalene	12.48	142	205663	36.483	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	141339	37.064	ng		99
40) Hexachlorocyclopentadiene	12.83	237	179314	89.661	ng		89

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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	90806	40.718	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	102411	41.050	ng		96
45) 1,1'-Biphenyl	13.49	154	282293	36.038	ng		97
46) 2-Chloronaphthalene	13.53	162	227416	37.324	ng		98
47) 2-Nitroaniline	13.73	65	79993	37.136	ng		91
48) Acenaphthylene	14.37	152	374900	36.732	ng		96
49) Dimethylphthalate	14.10	163	314385	35.515	ng		99
50) 2,6-Dinitrotoluene	14.23	165	73193	40.603	ng	#	86
51) Acenaphthene	14.71	154	218285	34.333	ng		97
52) 3-Nitroaniline	14.55	138	42084	22.842	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	60567	66.544	ng	#	60
54) Dibenzofuran	15.05	168	373250	36.913	ng		96
55) 4-Nitrophenol	14.88	139	106884	81.460	ng		91
56) 2,4-Dinitrotoluene	15.01	165	110819	42.851	ng		87
57) Fluorene	15.69	166	312774	36.906	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	104627	43.740	ng		91
59) Diethylphthalate	15.47	149	324851	35.689	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	180385	36.214	ng		97
61) 4-Nitroaniline	15.72	138	74169	38.485	ng	#	79
62) Azobenzene	15.98	77	324561	36.149	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	54901	32.787	ng		85
65) n-Nitrosodiphenylamine	15.90	169	288204	33.661	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	124154	35.576	ng		96
67) Hexachlorobenzene	16.70	284	127973	35.608	ng		95
68) Atrazine	16.85	200	138594	39.315	ng		97
69) Pentachlorophenol	17.05	266	114619	52.361	ng		99
70) Phenanthrene	17.44	178	545205	36.324	ng		99
71) Anthracene	17.53	178	562015	37.604	ng		97
72) Carbazole	17.80	167	517725	36.476	ng		99
73) Di-n-butylphthalate	18.35	149	593326	35.374	ng	#	98
74) Fluoranthene	19.44	202	747008	36.948	ng		97
76) Benzidine	19.62	184	271455	30.138	ng		98
77) Pyrene	19.81	202	765071	35.317	ng		99
79) Butylbenzylphthalate	20.69	149	283231	36.561	ng		97
80) Benzo(a)anthracene	21.64	228	774631	36.283	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	181188	24.339	ng		97
82) Chrysene	21.70	228	724501	36.620	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	393599	37.373	ng		99
84) Di-n-octyl phthalate	22.74	149	668587	37.915	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	794354	36.265	ng	#	94
87) Benzo(b)fluoranthene	23.84	252	731153	36.106	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	734392	37.096	ng	#	98
89) Benzo(a)pyrene	24.71	252	717784	38.101	ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	658733	35.617	ng	#	97
91) Benzo(g,h,i)perylene	29.63	276	668787	36.953	ng	#	94

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

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