Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035639.D
Acq On : 13 Jul 2018 21:22
Operator : JU/SJ
Sample : PB111092BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Manual Integrations APPROVED
Sohil
7/16/2018 3:24:22 PM

Quant Time: Jul 14 01:11:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35078	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	142650	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	105615	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	290208	20.00	ng		0.00
75) Chrysene-d12	21.69	240	297808	20.00	ng		0.00
86) Perylene-d12	24.91	264	284178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	344602	163.10	ng		0.00
7) Phenol-d6	7.22	99	511721	162.33	ng		0.00
23) Nitrobenzene-d5	9.21	82	329458	96.48	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	230272	165.42	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	760535	96.47	ng		0.00
78) Terphenyl-d14	20.02	244	1343594	99.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	31885	29.650	ng	#	77
3) Pyridine	3.94	79	100334	35.740	ng	#	81
4) n-Nitrosodimethylamine	3.86	42	46988	38.981	ng	#	87
6) Aniline	7.38	93	127645	31.241	ng		96
8) 2-Chlorophenol	7.62	128	106077	49.364	ng		96
9) Benzaldehyde	7.19	77	74174	38.349	ng		100
10) Phenol	7.25	94	166259	52.204	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	107944	43.279	ng		87
12) 1,3-Dichlorobenzene	7.95	146	110544	42.599	ng		93
13) 1,4-Dichlorobenzene	8.09	146	112119	42.524	ng		95
14) 1,2-Dichlorobenzene	8.41	146	108578	42.867	ng		93
15) Benzyl Alcohol	8.29	79	134376	46.942	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.58	45	125407	59.974	ng		82
17) 2-Methylphenol	8.49	107	112140	51.789	ng	#	90
18) Hexachloroethane	9.14	117	41710	41.375	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	107090	40.342	ng	#	86
20) 3+4-Methylphenols	8.82	107	154974	51.591	ng		93
22) Acetophenone	8.87	105	184049	41.490	ng	#	89
24) Nitrobenzene	9.26	77	157036	45.727	ng		93
25) Isophorone	9.78	82	304117	47.976	ng		96
26) 2-Nitrophenol	9.97	139	64533	52.911	ng	#	89
27) 2,4-Dimethylphenol	10.03	122	118946	57.614	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	160154	45.851	ng		98
29) 2,4-Dichlorophenol	10.51	162	128695	54.608	ng		88
30) 1,2,4-Trichlorobenzene	10.72	180	132120	45.719	ng		97
31) Naphthalene	10.91	128	336790	45.324	ng		98
32) Benzoic acid	10.17	122	49727	35.779	ng		89
33) 4-Chloroaniline	11.02	127	46515	14.362	ng	#	90
34) Hexachlorobutadiene	11.19	225	97483	43.260	ng		95
35) Caprolactam	11.79	113	46399	45.879	ng	#	74
36) 4-Chloro-3-methylphenol	12.13	107	165903	52.519	ng		93
37) 2-Methylnaphthalene	12.51	142	271372m	49.019	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	182835	45.866	ng		100
40) Hexachlorocyclopentadiene	12.85	237	230179	110.103	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	119138	51.106	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	135057	51.788	ng		97
45) 1,1'-Biphenyl	13.51	154	377365	46.086	ng		98
46) 2-Chloronaphthalene	13.56	162	295376	46.376	ng		97
47) 2-Nitroaniline	13.76	65	110300	48.985	ng		94
48) Acenaphthylene	14.40	152	500856	46.944	ng		98
49) Dimethylphthalate	14.13	163	427339	46.182	ng		99
50) 2,6-Dinitrotoluene	14.25	165	96857	51.401	ng		95
51) Acenaphthene	14.74	154	295451	44.454	ng		99
52) 3-Nitroaniline	14.58	138	48781	25.328	ng	#	73
53) 2,4-Dinitrophenol	14.78	184	82317	84.543	ng	#	62
54) Dibenzofuran	15.08	168	493087	46.650	ng		95
55) 4-Nitrophenol	14.89	139	146723	106.974	ng	#	89
56) 2,4-Dinitrotoluene	15.04	165	136964	50.665	ng		91
57) Fluorene	15.72	166	407111	45.954	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	132777	53.102	ng		95
59) Diethylphthalate	15.49	149	425183	44.686	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	236846	45.487	ng		97
61) 4-Nitroaniline	15.75	138	95622	47.464	ng	#	82
62) Azobenzene	16.01	77	441498	47.041	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	73984	45.797	ng		86
65) n-Nitrosodiphenylamine	15.93	169	370417	44.843	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	157856	46.885	ng		95
67) Hexachlorobenzene	16.73	284	161822	46.671	ng		96
68) Atrazine	16.88	200	166075	48.830	ng		97
69) Pentachlorophenol	17.07	266	175000	82.864	ng		98
70) Phenanthrene	17.46	178	661833	45.704	ng		98
71) Anthracene	17.55	178	692505	48.027	ng		99
72) Carbazole	17.82	167	625872	45.706	ng		99
73) Di-n-butylphthalate	18.37	149	710920	43.933	ng	#	97
74) Fluoranthene	19.47	202	867751	44.487	ng		97
76) Benzidine	19.64	184	348920	44.565	ng		97
77) Pyrene	19.83	202	866042	45.991	ng		97
79) Butylbenzylphthalate	20.71	149	315133	46.798	ng		96
80) Benzo(a)anthracene	21.67	228	867293	46.733	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	186854	28.876	ng		99
82) Chrysene	21.73	228	809618	47.077	ng		97
83) Bis(2-ethylhexyl)phthalate	21.56	149	431257	47.107	ng		100
84) Di-n-octyl phthalate	22.78	149	727894	47.486	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	919062	48.269	ng	#	88
87) Benzo(b)fluoranthene	23.88	252	823491	47.677	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	779169	46.143	ng	#	96
89) Benzo(a)pyrene	24.75	252	788847	49.092	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	762779	48.352	ng	#	95
91) Benzo(g,h,i)perylene	29.72	276	764536	49.526	ng	#	93

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

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