Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036265.D
Acq On : 10 Aug 2018 12:34
Operator : JU/SJ
Sample : PB111897BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111897BS

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:56 PM

Quant Time: Aug 10 14:27:25 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	8.01	152	32248	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	126314	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	93820	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	249258	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	265039	20.00	ng		-0.02
86) Perylene-d12	24.83	264	243295	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	266294	137.10	ng		0.00
7) Phenol-d6	7.19	99	386410	133.34	ng		0.00
23) Nitrobenzene-d5	9.17	82	256249	84.75	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	189562	153.29	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	593727	84.78	ng		-0.02
78) Terphenyl-d14	19.98	244	1142041	94.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	27496	27.813	ng	#	80
3) Pyridine	3.90	79	78013	30.228	ng	#	72
4) n-Nitrosodimethylamine	3.82	42	39070	35.257	ng	#	87
6) Aniline	7.34	93	119785	31.890	ng		99
8) 2-Chlorophenol	7.58	128	87250	44.166	ng		100
9) Benzaldehyde	7.15	77	47093	26.484	ng		97
10) Phenol	7.21	94	130230	44.480	ng		92
11) bis(2-Chloroethyl)ether	7.43	93	87182	38.022	ng		86
12) 1,3-Dichlorobenzene	7.90	146	99665	41.778	ng		95
13) 1,4-Dichlorobenzene	8.04	146	100935	41.642	ng		99
14) 1,2-Dichlorobenzene	8.36	146	98305	42.217	ng		97
15) Benzyl Alcohol	8.25	79	102291	38.869	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.53	45	95733	49.801	ng		73
17) 2-Methylphenol	8.46	107	88316	44.366	ng	#	91
18) Hexachloroethane	9.08	117	38750	41.812	ng	#	85
19) n-Nitroso-di-n-propylamine	8.81	70	85019	34.839	ng	#	86
20) 3+4-Methylphenols	8.79	107	117931	42.704	ng		90
22) Acetophenone	8.83	105	154795	39.408	ng	#	93
24) Nitrobenzene	9.21	77	127401	41.896	ng		95
25) Isophorone	9.73	82	234462	41.771	ng		97
26) 2-Nitrophenol	9.92	139	54061	50.057	ng	#	89
27) 2,4-Dimethylphenol	9.99	122	91615	50.114	ng		86
28) bis(2-Chloroethoxy)methane	10.21	93	121733	39.359	ng		97
29) 2,4-Dichlorophenol	10.46	162	104265	49.964	ng		92
30) 1,2,4-Trichlorobenzene	10.67	180	117406	45.881	ng		99
31) Naphthalene	10.86	128	274374	41.699	ng		98
32) Benzoic acid	10.16	122	27562	22.396	ng		93
33) 4-Chloroaniline	10.98	127	72603	25.317	ng	#	96
34) Hexachlorobutadiene	11.14	225	92171	46.192	ng		96
35) Caprolactam	11.77	113	32181m	35.935	ng		
36) 4-Chloro-3-methylphenol	12.10	107	126697	45.295	ng		94
37) 2-Methylnaphthalene	12.46	142	216235	44.111	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	151297	42.726	ng		96
40) Hexachlorocyclopentadiene	12.81	237	176805	95.205	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	97627	47.144	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	102680	44.323	ng		97
45) 1,1'-Biphenyl	13.46	154	298977	41.103	ng		97
46) 2-Chloronaphthalene	13.51	162	239469	42.325	ng		98
47) 2-Nitroaniline	13.72	65	82362	41.176	ng		93
48) Acenaphthylene	14.36	152	397471	41.938	ng		99
49) Dimethylphthalate	14.09	163	328813	40.002	ng		100
50) 2,6-Dinitrotoluene	14.21	165	75167	44.905	ng		94
51) Acenaphthene	14.70	154	233831	39.606	ng		99
52) 3-Nitroaniline	14.55	138	56143	32.816	ng	#	96
53) 2,4-Dinitrophenol	14.76	184	62566	73.287	ng	#	70
54) Dibenzofuran	15.03	168	389650	41.498	ng		93
55) 4-Nitrophenol	14.87	139	82033	67.328	ng	#	76
56) 2,4-Dinitrotoluene	15.00	165	112111	46.685	ng	#	87
57) Fluorene	15.68	166	325543	41.367	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	109704	49.390	ng		91
59) Diethylphthalate	15.45	149	329674	39.004	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	194138	41.972	ng		97
61) 4-Nitroaniline	15.71	138	67374	37.647	ng	#	79
62) Azobenzene	15.96	77	335331	40.221	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	62571	45.095	ng		85
65) n-Nitrosodiphenylamine	15.89	169	287918	40.582	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	134038	46.351	ng		96
67) Hexachlorobenzene	16.68	284	136002	45.669	ng		96
68) Atrazine	16.84	200	134070	45.896	ng		95
69) Pentachlorophenol	17.04	266	120980	66.696	ng		97
70) Phenanthrene	17.42	178	521523	41.931	ng		97
71) Anthracene	17.51	178	541095	43.692	ng		97
72) Carbazole	17.78	167	475698	40.446	ng		98
73) Di-n-butylphthalate	18.33	149	564560	40.620	ng	#	98
74) Fluoranthene	19.43	202	698401	41.688	ng		95
76) Benzidine	19.61	184	213207	30.598	ng		98
77) Pyrene	19.79	202	688251	41.068	ng		99
79) Butylbenzylphthalate	20.67	149	256955	42.876	ng	#	94
80) Benzo(a)anthracene	21.62	228	696256	42.155	ng		100
81) 3,3'-Dichlorobenzidine	21.54	252	194733	33.814	ng	#	99
82) Chrysene	21.69	228	647827	42.327	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	356059	43.702	ng	#	99
84) Di-n-octyl phthalate	22.71	149	595799	43.674	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	728173	42.972	ng	#	84
87) Benzo(b)fluoranthene	23.81	252	675358	45.671	ng	#	96
88) Benzo(k)fluoranthene	23.89	252	627488	43.404	ng	#	97
89) Benzo(a)pyrene	24.68	252	635209	46.173	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	582536	43.132	ng	#	95
91) Benzo(g,h,i)perylene	29.59	276	600117	45.408	ng	#	90

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

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