Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035413.D
Acq On : 26 Jun 2018 16:59
Operator : JU/SJ
Sample : PB110556BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110556BS

Manual Integrations APPROVED
Sohil
6/27/2018 3:32:26 PM

Quant Time: Jun 26 19:20:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54660	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	202935	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	140607	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	367274	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	391396	20.00	ng		-0.03
86) Perylene-d12	24.90	264	382379	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	432490	133.53	ng		-0.01
7) Phenol-d6	7.22	99	626275	131.01	ng		0.00
23) Nitrobenzene-d5	9.22	82	397958	93.22	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	281868	156.60	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	900698	83.27	ng		-0.03
78) Terphenyl-d14	20.02	244	1580145	84.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	50372	32.596	ng	#	71
3) Pyridine	3.94	79	136928	32.840	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	57487	32.093	ng	#	73
6) Aniline	7.38	93	150793	24.403	ng		97
8) 2-Chlorophenol	7.62	128	138697	40.853	ng		92
9) Benzaldehyde	7.19	77	99371	26.987	ng		96
10) Phenol	7.24	94	205062	41.450	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	137114	35.708	ng		88
12) 1,3-Dichlorobenzene	7.94	146	154054m	38.030	ng		
13) 1,4-Dichlorobenzene	8.09	146	160867	38.470	ng		97
14) 1,2-Dichlorobenzene	8.40	146	149317	38.015	ng		98
15) Benzyl Alcohol	8.29	79	160088	35.342	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	148209	38.780	ng		75
17) 2-Methylphenol	8.49	107	135633	41.584	ng	#	91
18) Hexachloroethane	9.13	117	54756	36.576	ng		87
19) n-Nitroso-di-n-propylamine	8.86	70	128686	31.686	ng	#	84
20) 3+4-Methylphenols	8.82	107	185413	39.659	ng		88
22) Acetophenone	8.87	105	237888	37.842	ng	#	91
24) Nitrobenzene	9.26	77	192796	44.101	ng		92
25) Isophorone	9.77	82	359018	39.830	ng		99
26) 2-Nitrophenol	9.97	139	79390	52.684	ng	#	92
27) 2,4-Dimethylphenol	10.02	122	146437	46.232	ng		91
28) bis(2-Chloroethoxy)methane	10.25	93	193686	39.986	ng		98
29) 2,4-Dichlorophenol	10.50	162	162002	47.005	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	173832	42.063	ng		98
31) Naphthalene	10.91	128	423505	40.172	ng		98
32) Benzoic acid	10.17	122	88705	41.811	ng		95
33) 4-Chloroaniline	11.01	127	56378	12.316	ng	#	90
34) Hexachlorobutadiene	11.19	225	133942	41.675	ng		94
35) Caprolactam	11.79	113	50362m	39.539	ng		
36) 4-Chloro-3-methylphenol	12.13	107	193040	44.933	ng		94
37) 2-Methylnaphthalene	12.50	142	331319	41.453	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	234507	44.776	ng		98
40) Hexachlorocyclopentadiene	12.85	237	340025	103.531	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	150564	48.011	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	161675	46.971	ng		97
45) 1,1'-Biphenyl	13.51	154	459709	40.660	ng		99
46) 2-Chloronaphthalene	13.55	162	355915	41.636	ng		99
47) 2-Nitroaniline	13.75	65	119166	47.209	ng		91
48) Acenaphthylene	14.40	152	585605	40.856	ng		98
49) Dimethylphthalate	14.13	163	481232	39.248	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	112910	50.477	ng	#	86
51) Acenaphthene	14.74	154	355443	37.954	ng		96
52) 3-Nitroaniline	14.57	138	57734	26.303	ng	#	92
53) 2,4-Dinitrophenol	14.78	184	133611	147.591	ng	#	63
54) Dibenzofuran	15.07	168	579904	41.345	ng		94
55) 4-Nitrophenol	14.88	139	165800	89.502	ng	#	85
56) 2,4-Dinitrotoluene	15.03	165	158446	53.323	ng	#	86
57) Fluorene	15.72	166	480931	41.028	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	168847	50.496	ng		91
59) Diethylphthalate	15.49	149	474806	37.955	ng		96
60) 4-Chlorophenyl-phenylether	15.71	204	277560	41.525	ng		94
61) 4-Nitroaniline	15.74	138	109936	46.702	ng	#	86
62) Azobenzene	16.01	77	477330	38.938	ng		93
64) 4,6-Dinitro-2-methylphenol	15.79	198	94949	56.623	ng		85
65) n-Nitrosodiphenylamine	15.92	169	429091	38.903	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	195545	44.212	ng		96
67) Hexachlorobenzene	16.72	284	196828	43.723	ng		96
68) Atrazine	16.87	200	195590	41.583	ng		97
69) Pentachlorophenol	17.06	266	236230	78.038	ng		96
70) Phenanthrene	17.46	178	778611	41.733	ng		98
71) Anthracene	17.55	178	787562	42.142	ng		99
72) Carbazole	17.82	167	711853	41.053	ng		99
73) Di-n-butylphthalate	18.37	149	796259	38.528	ng	#	98
74) Fluoranthene	19.47	202	1020085	42.018	ng		96
76) Benzidine	19.64	184	446218	30.644	ng		97
77) Pyrene	19.82	202	1017744	39.444	ng		98
79) Butylbenzylphthalate	20.71	149	367840	39.260	ng		97
80) Benzo(a)anthracene	21.66	228	1030273	41.192	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	228720	24.306	ng		96
82) Chrysene	21.73	228	967837	42.264	ng		96
83) Bis(2-ethylhexyl)phthalate	21.56	149	496106	37.473	ng		98
84) Di-n-octyl phthalate	22.77	149	854824	37.636	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1146705	42.755	ng	#	80
87) Benzo(b)fluoranthene	23.88	252	1012420	42.994	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	968646	42.051	ng	#	95
89) Benzo(a)pyrene	24.75	252	980884	44.268	ng	#	97
90) Dibenzo(a,h)anthracene	28.63	278	920385	42.078	ng	#	95
91) Benzo(g,h,i)perylene	29.71	276	955256	44.625	ng	#	94

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

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