Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035508.D
Acq On : 29 Jun 2018 11:03
Operator : JU/SJ
Sample : PB110463BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110463BS

Manual Integrations APPROVED
Sohil
7/2/2018 12:35:12 PM

Quant Time: Jun 29 12:17:32 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	8.06	152	38526	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	157169	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	112460	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	309728	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	328977	20.00	ng	-0.02
86) Perylene-d12	24.92	264	317991	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	317962	139.28	ng	0.00
7) Phenol-d6	7.23	99	473708	140.59	ng	0.00
23) Nitrobenzene-d5	9.23	82	296559	89.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	227806	158.24	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	709113	81.97	ng	-0.02
78) Terphenyl-d14	20.03	244	1287035	81.95	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	30645	28.135	ng	# 76
3) Pyridine	3.95	79	96244	32.749	ng	# 71
4) n-Nitrosodimethylamine	3.86	42	41336	32.740	ng	# 75
6) Aniline	7.39	93	134847	30.961	ng	100
8) 2-Chlorophenol	7.63	128	102329	42.763	ng	94
9) Benzaldehyde	7.20	77	52677	20.297	ng	95
10) Phenol	7.25	94	154656	44.353	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	95599	35.323	ng	92
12) 1,3-Dichlorobenzene	7.95	146	106879	37.434	ng	97
13) 1,4-Dichlorobenzene	8.10	146	107652	36.525	ng	97
14) 1,2-Dichlorobenzene	8.42	146	106839	38.592	ng	98
15) Benzyl Alcohol	8.30	79	121175	37.954	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	105218	39.061	ng	78
17) 2-Methylphenol	8.50	107	103072	44.835	ng	95
18) Hexachloroethane	9.15	117	37615	35.648	ng	# 83
19) n-Nitroso-di-n-propylamine	8.86	70	96406	33.678	ng	# 85
20) 3+4-Methylphenols	8.83	107	144472	43.844	ng	93
22) Acetophenone	8.89	105	174054	35.750	ng	# 91
24) Nitrobenzene	9.27	77	142573	42.109	ng	# 92
25) Isophorone	9.79	82	277201	39.708	ng	99
26) 2-Nitrophenol	9.98	139	58787	50.372	ng	# 93
27) 2,4-Dimethylphenol	10.04	122	108676	44.302	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	143176	38.166	ng	98
29) 2,4-Dichlorophenol	10.51	162	121916	45.675	ng	91
30) 1,2,4-Trichlorobenzene	10.73	180	128469	40.139	ng	93
31) Naphthalene	10.92	128	316177	38.725	ng	98
32) Benzoic acid	10.18	122	60688	36.935	ng	94
33) 4-Chloroaniline	11.03	127	66746	18.827	ng	95
34) Hexachlorobutadiene	11.20	225	95787	38.482	ng	96
35) Caprolactam	11.79	113	43050m	43.641	ng	
36) 4-Chloro-3-methylphenol	12.14	107	147238	44.252	ng	94
37) 2-Methylnaphthalene	12.52	142	252811	40.841	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	175191	41.823	ng	99
40) Hexachlorocyclopentadiene	12.86	237	246307	93.766	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	113348	45.190	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	126356	45.898	ng		98
45) 1,1'-Biphenyl	13.52	154	346666	38.336	ng		99
46) 2-Chloronaphthalene	13.56	162	274736	40.184	ng		95
47) 2-Nitroaniline	13.76	65	94318	46.717	ng		99
48) Acenaphthylene	14.41	152	461998	40.299	ng		98
49) Dimethylphthalate	14.14	163	383656	39.121	ng		99
50) 2,6-Dinitrotoluene	14.26	165	90731	50.713	ng		92
51) Acenaphthene	14.75	154	272389	36.365	ng		98
52) 3-Nitroaniline	14.59	138	52293	29.787	ng	#	94
53) 2,4-Dinitrophenol	14.79	184	104189	143.896	ng	#	64
54) Dibenzofuran	15.08	168	449401	40.059	ng		96
55) 4-Nitrophenol	14.90	139	131916	89.033	ng	#	83
56) 2,4-Dinitrotoluene	15.04	165	128859	54.219	ng		89
57) Fluorene	15.73	166	380680	40.604	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	134074	50.132	ng		90
59) Diethylphthalate	15.50	149	384034	38.382	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	218869	40.939	ng		96
61) 4-Nitroaniline	15.75	138	88786	47.158	ng	#	80
62) Azobenzene	16.01	77	380789	38.837	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	77920	55.101	ng		85
65) n-Nitrosodiphenylamine	15.94	169	338842	36.429	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	150171	40.262	ng		96
67) Hexachlorobenzene	16.73	284	153559	40.449	ng		96
68) Atrazine	16.88	200	155769	39.270	ng		97
69) Pentachlorophenol	17.08	266	180047	70.529	ng		100
70) Phenanthrene	17.47	178	615969	39.150	ng		98
71) Anthracene	17.56	178	625609	39.696	ng		98
72) Carbazole	17.83	167	570328	39.003	ng		98
73) Di-n-butylphthalate	18.38	149	637733	36.590	ng	#	98
74) Fluoranthene	19.47	202	820642	40.083	ng		96
76) Benzidine	19.65	184	326067	26.641	ng		99
77) Pyrene	19.84	202	813188	37.496	ng		99
79) Butylbenzylphthalate	20.71	149	291959	37.073	ng		97
80) Benzo(a)anthracene	21.68	228	832670	39.608	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	184368	23.311	ng	#	97
82) Chrysene	21.74	228	761840	39.580	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	393920	35.400	ng	#	99
84) Di-n-octyl phthalate	22.79	149	666358	34.905	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	900792	39.959	ng	#	92
87) Benzo(b)fluoranthene	23.90	252	794734	40.584	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	754425	39.383	ng	#	97
89) Benzo(a)pyrene	24.77	252	762325	41.371	ng	#	95
90) Dibenzo(a,h)anthracene	28.66	278	724689	39.839	ng	#	96
91) Benzo(g,h,i)perylene	29.76	276	745276	41.865	ng	#	94

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

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