Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
Data File : BG035150.D
Acq On : 14 Jun 2018 23:04
Operator : SJ/JU
Sample : PB110230BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110230BSD

Manual Integrations APPROVED
Sohil
6/15/2018 1:44:03 PM

Quant Time: Jun 15 02:27:43 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	41939	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	172793	20.00	ng		-0.01
38) Acenaphthene-d10	14.69	164	131325	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	358717	20.00	ng		0.00
75) Chrysene-d12	21.70	240	377885	20.00	ng		-0.01
86) Perylene-d12	24.93	264	369501	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	402692	162.04	ng		0.00
7) Phenol-d6	7.22	99	612508	166.99	ng		0.00
23) Nitrobenzene-d5	9.23	82	387379	106.57	ng		-0.01
41) 2,4,6-Tribromophenol	16.18	330	304262	180.99	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	938336	92.89	ng		-0.01
78) Terphenyl-d14	20.04	244	1706609	94.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	40006	33.740	ng	#	73
3) Pyridine	3.94	79	124392	38.882	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	52065	37.882	ng	#	67
6) Aniline	7.39	93	135683	28.618	ng		93
8) 2-Chlorophenol	7.63	128	138396	53.129	ng		98
9) Benzaldehyde	7.20	77	94539	33.462	ng		96
10) Phenol	7.25	94	213507	56.248	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	131180	44.525	ng		91
12) 1,3-Dichlorobenzene	7.95	146	141178	45.423	ng		96
13) 1,4-Dichlorobenzene	8.10	146	146989	45.813	ng		97
14) 1,2-Dichlorobenzene	8.42	146	141263	46.873	ng		93
15) Benzyl Alcohol	8.30	79	174154	50.109	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	150014	51.158	ng		77
17) 2-Methylphenol	8.50	107	147469	58.927	ng	#	92
18) Hexachloroethane	9.14	117	54247	47.227	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	134901	43.291	ng	#	85
20) 3+4-Methylphenols	8.83	107	209400	58.376	ng		94
22) Acetophenone	8.89	105	242999	45.398	ng	#	92
24) Nitrobenzene	9.27	77	200058	53.744	ng		93
25) Isophorone	9.79	82	393287	51.243	ng		99
26) 2-Nitrophenol	9.98	139	82878	64.593	ng	#	85
27) 2,4-Dimethylphenol	10.03	122	156132	57.892	ng		93
28) bis(2-Chloroethoxy)methane	10.27	93	205273	49.771	ng		96
29) 2,4-Dichlorophenol	10.51	162	175177	59.695	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	173980	49.443	ng		98
31) Naphthalene	10.92	128	434137	48.364	ng		96
32) Benzoic acid	10.17	122	99031m	54.821	ng		
33) 4-Chloroaniline	11.02	127	62261	15.974	ng		96
34) Hexachlorobutadiene	11.21	225	130752	47.779	ng		98
35) Caprolactam	11.81	113	65057m	59.986	ng		
36) 4-Chloro-3-methylphenol	12.14	107	217296	59.402	ng		96
37) 2-Methylnaphthalene	12.52	142	358897	52.736	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	241639	49.399	ng		99
40) Hexachlorocyclopentadiene	12.87	237	335631	109.416	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	171961	58.710	ng		89
43) 2,4,5-Trichlorophenol	13.19	196	186981	58.163	ng		97
45) 1,1'-Biphenyl	13.52	154	499343	47.287	ng		96
46) 2-Chloronaphthalene	13.57	162	396450	49.656	ng		98
47) 2-Nitroaniline	13.77	65	144112	61.127	ng		93
48) Acenaphthylene	14.41	152	663310	49.548	ng		99
49) Dimethylphthalate	14.14	163	558127	48.736	ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	131837	63.104	ng	#	86
51) Acenaphthene	14.75	154	430998	49.274	ng		98
52) 3-Nitroaniline	14.59	138	62918	30.691	ng	#	91
53) 2,4-Dinitrophenol	14.79	184	58319	68.974	ng	#	59
54) Dibenzofuran	15.08	168	658556	50.271	ng		94
55) 4-Nitrophenol	14.90	139	193908	112.073	ng		86
56) 2,4-Dinitrotoluene	15.04	165	192323	69.298	ng	#	86
57) Fluorene	15.74	166	553643	50.569	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	195127	62.480	ng		94
59) Diethylphthalate	15.50	149	565893	48.434	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	316345	50.672	ng		98
61) 4-Nitroaniline	15.75	138	132492	60.262	ng	#	84
62) Azobenzene	16.02	77	571305	49.898	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	69329	42.331	ng		85
65) n-Nitrosodiphenylamine	15.94	169	503841	46.770	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	224595	51.992	ng		99
67) Hexachlorobenzene	16.74	284	224276	51.008	ng		95
68) Atrazine	16.89	200	227851	49.598	ng		97
69) Pentachlorophenol	17.08	266	247758	83.799	ng		97
70) Phenanthrene	17.47	178	905142	49.673	ng		99
71) Anthracene	17.56	178	922809	50.557	ng		98
72) Carbazole	17.83	167	833256	49.201	ng		100
73) Di-n-butylphthalate	18.39	149	954198	47.271	ng	#	97
74) Fluoranthene	19.48	202	1166501	49.195	ng		96
76) Benzidine	19.65	184	401080	28.529	ng		97
77) Pyrene	19.84	202	1166236	46.815	ng		97
79) Butylbenzylphthalate	20.72	149	436613	48.266	ng		97
80) Benzo(a)anthracene	21.68	228	1190241	49.290	ng		99
81) 3,3'-Dichlorobenzidine	21.60	252	224221	24.680	ng	#	98
82) Chrysene	21.75	228	1101813	49.835	ng		96
83) Bis(2-ethylhexyl)phthalate	21.59	149	592059	46.320	ng	#	99
84) Di-n-octyl phthalate	22.81	149	1027572	46.860	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.62	276	1259750	48.650	ng	#	87
87) Benzo(b)fluoranthene	23.91	252	1165375	51.215	ng	#	96
88) Benzo(k)fluoranthene	23.98	252	1110413	49.886	ng	#	98
89) Benzo(a)pyrene	24.78	252	1127648	52.665	ng	#	96
90) Dibenzo(a,h)anthracene	28.68	278	1013399	47.945	ng	#	94
91) Benzo(g,h,i)perylene	29.78	276	1013391	48.990	ng	#	92

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

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