Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035945.D
Acq On : 27 Jul 2018 20:00
Operator : JU/SJ
Sample : J4192-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-001-AMSD

Manual Integrations APPROVED
Sohil
7/30/2018 2:05:31 PM

Quant Time: Jul 28 00:36:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34445	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	143225	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	112896	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	300718	20.00	ng	0.00
75) Chrysene-d12	21.66	240	315130	20.00	ng	0.00
86) Perylene-d12	24.85	264	307405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	221507	106.77	ng	0.00
7) Phenol-d6	7.19	99	350352	113.18	ng	0.00
23) Nitrobenzene-d5	9.19	82	221645	64.65	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	171908	115.53	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	573677	68.08	ng	0.00
78) Terphenyl-d14	20.00	244	1052955	73.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	22610	21.412	ng	# 74
3) Pyridine	3.91	79	63627	23.081	ng	# 75
4) n-Nitrosodimethylamine	3.83	42	29503	24.925	ng	# 58
6) Aniline	7.35	93	107296	26.743	ng	96
8) 2-Chlorophenol	7.59	128	76103	36.066	ng	95
9) Benzaldehyde	7.16	77	56800	29.906	ng	98
10) Phenol	7.22	94	126138	40.334	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	76664	31.302	ng	90
12) 1,3-Dichlorobenzene	7.92	146	79653	31.259	ng	98
13) 1,4-Dichlorobenzene	8.06	146	82109	31.714	ng	94
14) 1,2-Dichlorobenzene	8.38	146	79481	31.956	ng	99
15) Benzyl Alcohol	8.26	79	87890	31.267	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.54	45	86474	42.115	ng	77
17) 2-Methylphenol	8.47	107	80253	37.744	ng	# 92
18) Hexachloroethane	9.10	117	29292	29.590	ng	# 84
19) n-Nitroso-di-n-propylamine	8.83	70	75722	29.050	ng	# 81
20) 3+4-Methylphenols	8.79	107	106953	36.259	ng	98
22) Acetophenone	8.84	105	138950	31.197	ng	# 95
24) Nitrobenzene	9.23	77	111264	32.269	ng	# 90
25) Isophorone	9.74	82	220242	34.605	ng	96
26) 2-Nitrophenol	9.94	139	47049m	38.421	ng	
27) 2,4-Dimethylphenol	10.00	122	86458	41.709	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	117482	33.499	ng	95
29) 2,4-Dichlorophenol	10.48	162	94248	39.831	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	101633	35.028	ng	95
31) Naphthalene	10.88	128	246790	33.079	ng	99
32) Benzoic acid	10.15	122	11424m	8.187	ng	
33) 4-Chloroaniline	10.99	127	64325	19.782	ng	92
34) Hexachlorobutadiene	11.16	225	73099	32.309	ng	92
35) Caprolactam	11.76	113	34458m	33.935	ng	
36) 4-Chloro-3-methylphenol	12.11	107	118916	37.493	ng	97
37) 2-Methylnaphthalene	12.48	142	201414	36.236	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	138888	32.595	ng	99
40) Hexachlorocyclopentadiene	12.82	237	157334	70.405	ng	97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	90621	36.366	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	97171	34.857	ng		96
45) 1,1'-Biphenyl	13.48	154	282781	32.308	ng		95
46) 2-Chloronaphthalene	13.53	162	232502	34.150	ng		98
47) 2-Nitroaniline	13.73	65	79298	32.945	ng		92
48) Acenaphthylene	14.37	152	387528	33.980	ng		98
49) Dimethylphthalate	14.10	163	365671	36.969	ng		99
50) 2,6-Dinitrotoluene	14.22	165	73527	36.503	ng		89
51) Acenaphthene	14.71	154	223598	31.473	ng		92
52) 3-Nitroaniline	14.55	138	51960	25.239	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	48791	49.811	ng	#	61
54) Dibenzofuran	15.05	168	385734	34.140	ng		93
55) 4-Nitrophenol	14.87	139	96093	65.542	ng	#	85
56) 2,4-Dinitrotoluene	15.01	165	108526	37.556	ng	#	90
57) Fluorene	15.69	166	317619	33.540	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	100391	37.560	ng	#	91
59) Diethylphthalate	15.46	149	327061	32.157	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	182221	32.739	ng		95
61) 4-Nitroaniline	15.72	138	71073	33.004	ng	#	75
62) Azobenzene	15.98	77	326415	32.536	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	60013	35.850	ng		85
65) n-Nitrosodiphenylamine	15.90	169	284120	33.193	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	120860	34.642	ng		98
67) Hexachlorobenzene	16.70	284	129545	36.056	ng		94
68) Atrazine	16.85	200	125012	35.472	ng		97
69) Pentachlorophenol	17.05	266	116177	53.088	ng		97
70) Phenanthrene	17.43	178	516041	34.391	ng		97
71) Anthracene	17.53	178	532747	35.656	ng		99
72) Carbazole	17.80	167	476792	33.602	ng		98
73) Di-n-butylphthalate	18.34	149	539812	32.193	ng	#	98
74) Fluoranthene	19.44	202	665784	32.940	ng		97
76) Benzidine	19.62	184	298928	36.081	ng		98
77) Pyrene	19.81	202	674510	33.851	ng		98
79) Butylbenzylphthalate	20.68	149	245170	34.407	ng		96
80) Benzo(a)anthracene	21.64	228	677045	34.476	ng		100
81) 3,3'-Dichlorobenzidine	21.55	252	162412	23.719	ng		97
82) Chrysene	21.70	228	632101	34.734	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	342885	35.395	ng		99
84) Di-n-octyl phthalate	22.73	149	582803	35.931	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	710591	35.269	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	640027	34.255	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	625420	34.239	ng	#	96
89) Benzo(a)pyrene	24.71	252	614953	35.378	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	591950	34.688	ng	#	97
91) Benzo(g,h,i)perylene	29.63	276	594070	35.576	ng	#	94

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

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