Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035676.D
Acq On : 16 Jul 2018 19:14
Operator : JU/SJ
Sample : J3991-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3-AMS

Manual Integrations APPROVED
Sohil
7/17/2018 4:57:23 PM

Quant Time: Jul 17 05:52:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	36647	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	148237	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	113727	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	308692	20.00	ng		0.00
75) Chrysene-d12	21.69	240	310380	20.00	ng		0.00
86) Perylene-d12	24.91	264	293681	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	236911	107.33	ng		0.01
7) Phenol-d6	7.23	99	362913	110.20	ng		0.01
23) Nitrobenzene-d5	9.22	82	236037	66.52	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	161817	107.95	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	529808	62.41	ng		0.00
78) Terphenyl-d14	20.02	244	969039	68.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	26341	23.446	ng	#	79
3) Pyridine	3.95	79	68408	23.324	ng	#	75
4) n-Nitrosodimethylamine	3.86	42	32477	25.789	ng	#	75
6) Aniline	7.38	93	102043	23.905	ng		96
8) 2-Chlorophenol	7.63	128	80726	35.959	ng		95
9) Benzaldehyde	7.20	77	51016	25.246	ng		95
10) Phenol	7.25	94	127468	38.310	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	81805	31.395	ng		92
12) 1,3-Dichlorobenzene	7.95	146	85866	31.673	ng		96
13) 1,4-Dichlorobenzene	8.09	146	87649	31.820	ng		96
14) 1,2-Dichlorobenzene	8.41	146	84986	32.116	ng		96
15) Benzyl Alcohol	8.30	79	95714	32.004	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	92776	42.469	ng		74
17) 2-Methylphenol	8.50	107	82443	36.444	ng		93
18) Hexachloroethane	9.14	117	31770	30.165	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	80559	29.049	ng	#	80
20) 3+4-Methylphenols	8.83	107	114787	36.576	ng		93
22) Acetophenone	8.88	105	141805	30.762	ng	#	93
24) Nitrobenzene	9.26	77	116083	32.528	ng		98
25) Isophorone	9.78	82	226587	34.398	ng	#	98
26) 2-Nitrophenol	9.97	139	47155	37.205	ng	#	87
27) 2,4-Dimethylphenol	10.03	122	89958	41.931	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	118114	32.541	ng		95
29) 2,4-Dichlorophenol	10.51	162	100380	40.988	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	99265	33.055	ng		95
31) Naphthalene	10.91	128	254555	32.966	ng		97
32) Benzoic acid	10.13	122	12616m	8.735	ng		
33) 4-Chloroaniline	11.02	127	76499	22.730	ng	#	93
34) Hexachlorobutadiene	11.19	225	77291	33.006	ng		96
35) Caprolactam	11.78	113	33265	31.652	ng	#	74
36) 4-Chloro-3-methylphenol	12.14	107	126083	38.409	ng		91
37) 2-Methylnaphthalene	12.51	142	206540	35.902	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	140776	32.796	ng		99
40) Hexachlorocyclopentadiene	12.86	237	150080	66.668	ng		93

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Quant Time: Jul 17 05:52:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	92264	36.755	ng		94
43) 2,4,5-Trichlorophenol	13.19	196	100327	35.726	ng		97
45) 1,1'-Biphenyl	13.51	154	284493	32.266	ng		99
46) 2-Chloronaphthalene	13.56	162	223346	32.565	ng		99
47) 2-Nitroaniline	13.76	65	83033	34.245	ng		100
48) Acenaphthylene	14.40	152	383432	33.375	ng		96
49) Dimethylphthalate	14.13	163	409150	41.062	ng		99
50) 2,6-Dinitrotoluene	14.25	165	74494	36.713	ng		92
51) Acenaphthene	14.74	154	222126	31.038	ng		98
52) 3-Nitroaniline	14.58	138	55010	26.525	ng	#	84
53) 2,4-Dinitrophenol	14.82	184	185	6.745	ng	#	45
54) Dibenzofuran	15.07	168	376223	33.055	ng		92
55) 4-Nitrophenol	14.90	139	104502	70.756	ng	#	75
56) 2,4-Dinitrotoluene	15.04	165	106664	36.642	ng		97
57) Fluorene	15.72	166	322460	33.802	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.30	232	92035	34.182	ng		93
59) Diethylphthalate	15.49	149	328416	32.054	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	181845	32.433	ng		98
61) 4-Nitroaniline	15.75	138	74999	34.572	ng	#	82
62) Azobenzene	16.01	77	341123	33.754	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	15956	9.286	ng		86
65) n-Nitrosodiphenylamine	15.93	169	284508	32.380	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	124099	34.651	ng		95
67) Hexachlorobenzene	16.73	284	124811	33.841	ng		95
68) Atrazine	16.88	200	127013	35.109	ng		95
69) Pentachlorophenol	17.07	266	7567	3.368	ng		93
70) Phenanthrene	17.46	178	523889	34.012	ng		100
71) Anthracene	17.56	178	527552	34.396	ng		98
72) Carbazole	17.82	167	466661	32.039	ng		97
73) Di-n-butylphthalate	18.37	149	550903	32.006	ng	#	98
74) Fluoranthene	19.47	202	671595	32.369	ng		97
76) Benzidine	19.65	184	262621	32.184	ng		98
77) Pyrene	19.83	202	661590	33.710	ng		96
79) Butylbenzylphthalate	20.71	149	234755	33.449	ng		98
80) Benzo(a)anthracene	21.67	228	649483	33.579	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	169254	25.096	ng		97
82) Chrysene	21.73	228	604578	33.731	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	319335	33.469	ng		99
84) Di-n-octyl phthalate	22.78	149	545918	34.172	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.58	276	683530	34.445	ng	#	71
87) Benzo(b)fluoranthene	23.89	252	608182	34.072	ng	#	95
88) Benzo(k)fluoranthene	23.95	252	585132	33.531	ng	#	96
89) Benzo(a)pyrene	24.75	252	591423	35.615	ng	#	98
90) Dibenzo(a,h)anthracene	28.63	278	564143	34.604	ng		97
91) Benzo(g,h,i)perylene	29.73	276	569832	35.719	ng	#	92

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

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