Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035904.D
Acq On : 26 Jul 2018 11:24
Operator : JU/SJ
Sample : J3821-08MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-AMS

Manual Integrations APPROVED
Sohil
7/26/2018 4:59:42 PM

Quant Time: Jul 26 13:43:22 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	8.03	152	43076	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	159807	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	115513	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	314847	20.00	ng		0.00
75) Chrysene-d12	21.66	240	331746	20.00	ng		0.00
86) Perylene-d12	24.86	264	316523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	364075	140.32	ng		0.00
7) Phenol-d6	7.20	99	486075	125.57	ng		0.00
23) Nitrobenzene-d5	9.19	82	369018	96.46	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	245529	161.26	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	831468	96.44	ng		0.00
78) Terphenyl-d14	20.00	244	1406305	93.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	42247	31.992	ng	#	76
3) Pyridine	3.93	79	93870	27.229	ng	#	71
4) n-Nitrosodimethylamine	3.83	42	50091	33.840	ng	#	84
6) Aniline	7.36	93	52619	10.487	ng	#	93
8) 2-Chlorophenol	7.60	128	120998	45.853	ng		97
9) Benzaldehyde	7.17	77	57034	24.012	ng		96
10) Phenol	7.23	94	157453	40.260	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	123165	40.213	ng		89
12) 1,3-Dichlorobenzene	7.91	146	135669	42.574	ng		93
13) 1,4-Dichlorobenzene	8.06	146	138514	42.781	ng		94
14) 1,2-Dichlorobenzene	8.38	146	133152	42.809	ng		96
15) Benzyl Alcohol	8.27	79	142489	40.534	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	139666	54.391	ng		77
17) 2-Methylphenol	8.47	107	117871	44.328	ng	#	91
18) Hexachloroethane	9.11	117	51271	41.416	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	117301	35.984	ng	#	84
20) 3+4-Methylphenols	8.80	107	159064	43.121	ng		92
22) Acetophenone	8.85	105	214874	43.238	ng	#	91
24) Nitrobenzene	9.23	77	174278	45.300	ng		96
25) Isophorone	9.75	82	330807	46.584	ng		99
26) 2-Nitrophenol	9.94	139	70608	51.676	ng	#	91
27) 2,4-Dimethylphenol	10.00	122	124359	53.769	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	173694	44.389	ng		96
29) 2,4-Dichlorophenol	10.48	162	136661	51.763	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	152257	47.031	ng		96
31) Naphthalene	10.88	128	389920	46.840	ng		98
32) Benzoic acid	10.17	122	50940	32.717	ng		97
33) 4-Chloroaniline	11.01	127	8517	2.347	ng	#	86
34) Hexachlorobutadiene	11.16	225	116640	46.204	ng		96
35) Caprolactam	11.77	113	34873m	30.780	ng		
36) 4-Chloro-3-methylphenol	12.11	107	165683	46.818	ng		99
37) 2-Methylnaphthalene	12.48	142	301543	48.621	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	203260	46.621	ng		100
40) Hexachlorocyclopentadiene	12.83	237	255453	111.722	ng		93

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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	13.09	196	130510	51.187	ng		92
43) 2,4,5-Trichlorophenol	13.17	196	137580	48.235	ng		96
45) 1,1'-Biphenyl	13.48	154	409565	45.733	ng		98
46) 2-Chloronaphthalene	13.53	162	321837	46.201	ng		97
47) 2-Nitroaniline	13.73	65	104895	42.593	ng		98
48) Acenaphthylene	14.38	152	539012	46.192	ng		97
49) Dimethylphthalate	14.11	163	442381	43.711	ng		100
50) 2,6-Dinitrotoluene	14.22	165	103109	50.030	ng		93
51) Acenaphthene	14.72	154	313901	43.183	ng		97
52) 3-Nitroaniline	14.56	138	10782	5.119	ng	#	69
53) 2,4-Dinitrophenol	14.76	184	103243	95.983	ng	#	71
54) Dibenzofuran	15.05	168	518446	44.846	ng		94
55) 4-Nitrophenol	14.88	139	126967	84.638	ng	#	88
56) 2,4-Dinitrotoluene	15.02	165	146881	49.677	ng	#	86
57) Fluorene	15.70	166	431765	44.561	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.28	232	140175	51.257	ng		94
59) Diethylphthalate	15.46	149	442054	42.478	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	253878	44.580	ng		98
61) 4-Nitroaniline	15.72	138	82355	37.376	ng	#	77
62) Azobenzene	15.98	77	448629	43.705	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	84591	48.265	ng		81
65) n-Nitrosodiphenylamine	15.90	169	381933	42.618	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	169624	46.437	ng		99
67) Hexachlorobenzene	16.70	284	174820	46.474	ng		95
68) Atrazine	16.85	200	153586	41.624	ng		97
69) Pentachlorophenol	17.05	266	176852	77.188	ng		96
70) Phenanthrene	17.44	178	697566	44.402	ng		98
71) Anthracene	17.53	178	707519	45.229	ng		97
72) Carbazole	17.80	167	636137	42.820	ng		99
73) Di-n-butylphthalate	18.35	149	739665	42.132	ng	#	98
74) Fluoranthene	19.45	202	903546	42.697	ng		96
76) Benzidine	19.67	184	47968m	5.500	ng		
77) Pyrene	19.80	202	910482	43.404	ng		96
79) Butylbenzylphthalate	20.69	149	335240	44.691	ng		98
80) Benzo(a)anthracene	21.64	228	905478	43.799	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	109449	15.183	ng	#	98
82) Chrysene	21.71	228	847495	44.238	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	464745	45.572	ng		99
84) Di-n-octyl phthalate	22.74	149	794221	46.513	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	966493	45.568	ng	#	88
87) Benzo(b)fluoranthene	23.85	252	861627	44.787	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	844049	44.877	ng	#	96
89) Benzo(a)pyrene	24.71	252	833696	46.581	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	801064	45.590	ng	#	96
91) Benzo(g,h,i)perylene	29.65	276	808343	47.013	ng		95

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

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