Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
Data File : BG035735.D
Acq On : 19 Jul 2018 2:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/19/2018 3:45:26 PM

Quant Time: Jul 19 03:56:37 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 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41253	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	161736	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	116239	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	328620	20.00	ng		0.00
75) Chrysene-d12	21.67	240	361683	20.00	ng		0.00
86) Perylene-d12	24.88	264	366822	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	189822	76.39	ng		0.00
7) Phenol-d6	7.21	99	278911	75.23	ng		0.00
23) Nitrobenzene-d5	9.20	82	298366	77.06	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	131719	85.97	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	704902	81.25	ng		0.00
78) Terphenyl-d14	20.01	244	1271008	77.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	45324	35.839	ng	#	71
3) Pyridine	3.93	79	121710	36.865	ng	#	72
4) n-Nitrosodimethylamine	3.85	42	47940	33.818	ng	#	82
6) Aniline	7.36	93	175370	36.496	ng		95
8) 2-Chlorophenol	7.61	128	100191	39.646	ng		95
9) Benzaldehyde	7.18	77	81182	35.689	ng		96
10) Phenol	7.23	94	145873	38.947	ng		100
11) bis(2-Chloroethyl)ether	7.46	93	115179	39.267	ng		87
12) 1,3-Dichlorobenzene	7.93	146	117427m	38.478	ng		
13) 1,4-Dichlorobenzene	8.08	146	122737	39.583	ng		97
14) 1,2-Dichlorobenzene	8.39	146	113502	38.104	ng		94
15) Benzyl Alcohol	8.28	79	124234	36.903	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.56	45	106985m	43.505	ng		
17) 2-Methylphenol	8.48	107	93946	36.892	ng		95
18) Hexachloroethane	9.12	117	44756	37.751	ng	#	83
19) n-Nitroso-di-n-propylamine	8.84	70	112915	36.170	ng	#	81
20) 3+4-Methylphenols	8.80	107	135141	38.254	ng		95
22) Acetophenone	8.86	105	199297	39.625	ng	#	91
24) Nitrobenzene	9.24	77	146438	37.609	ng		96
25) Isophorone	9.76	82	275503	38.333	ng		97
26) 2-Nitrophenol	9.95	139	62409m	45.131	ng		
27) 2,4-Dimethylphenol	10.01	122	96426	41.194	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	159575	40.294	ng		93
29) 2,4-Dichlorophenol	10.49	162	115077	43.068	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	138364	42.229	ng		98
31) Naphthalene	10.89	128	339366	40.281	ng		99
32) Benzoic acid	10.15	122	30372	19.274	ng		95
33) 4-Chloroaniline	11.00	127	146463	39.887	ng		96
34) Hexachlorobutadiene	11.18	225	107608	42.118	ng		99
35) Caprolactam	11.78	113	44131	38.487	ng	#	66
36) 4-Chloro-3-methylphenol	12.12	107	143432	40.047	ng		96
37) 2-Methylnaphthalene	12.49	142	253369	40.366	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	179665	40.952	ng		99
40) Hexachlorocyclopentadiene	12.83	237	92793	40.330	ng		88

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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	13.10	196	113762	44.340	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	125346	43.671	ng		97
45) 1,1'-Biphenyl	13.50	154	366645	40.684	ng		96
46) 2-Chloronaphthalene	13.54	162	283442	40.435	ng		99
47) 2-Nitroaniline	13.74	65	98618	39.794	ng		93
48) Acenaphthylene	14.38	152	473457	40.320	ng		97
49) Dimethylphthalate	14.11	163	414044	40.655	ng		99
50) 2,6-Dinitrotoluene	14.23	165	89438	43.126	ng	#	90
51) Acenaphthene	14.73	154	292401	39.974	ng		100
52) 3-Nitroaniline	14.57	138	89120	42.044	ng	#	95
53) 2,4-Dinitrophenol	14.81	184	513	7.024	ng	#	68
54) Dibenzofuran	15.06	168	468458	40.269	ng		94
55) 4-Nitrophenol	14.88	139	58816	38.963	ng		91
56) 2,4-Dinitrotoluene	15.02	165	129852	43.644	ng	#	85
57) Fluorene	15.71	166	396876	40.704	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	116145	42.205	ng		92
59) Diethylphthalate	15.47	149	424039	40.492	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	233297	40.710	ng		98
61) 4-Nitroaniline	15.73	138	95711	43.166	ng	#	85
62) Azobenzene	15.99	77	398584	38.587	ng		94
64) 4,6-Dinitro-2-methylphenol	15.79	198	27655	15.118	ng		78
65) n-Nitrosodiphenylamine	15.91	169	372257	39.798	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	157235	41.241	ng		96
67) Hexachlorobenzene	16.71	284	157616	40.145	ng		94
68) Atrazine	16.86	200	152220	39.525	ng		98
69) Pentachlorophenol	17.06	266	86578	36.203	ng		97
70) Phenanthrene	17.45	178	641888	39.145	ng		98
71) Anthracene	17.54	178	635884	38.946	ng		98
72) Carbazole	17.81	167	613256	39.550	ng		99
73) Di-n-butylphthalate	18.36	149	720597	39.326	ng	#	98
74) Fluoranthene	19.45	202	869312	39.358	ng		96
76) Benzidine	19.64	184	324518	34.128	ng		99
77) Pyrene	19.81	202	883643	38.638	ng		98
79) Butylbenzylphthalate	20.69	149	339143	41.469	ng		98
80) Benzo(a)anthracene	21.65	228	887263	39.365	ng		98
81) 3,3'-Dichlorobenzidine	21.57	252	327843	41.716	ng	#	98
82) Chrysene	21.72	228	826768	39.584	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	471724	42.427	ng	#	99
84) Di-n-octyl phthalate	22.76	149	801339	43.045	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.54	276	960783	41.549	ng	#	85
87) Benzo(b)fluoranthene	23.86	252	872143	39.118	ng	#	96
88) Benzo(k)fluoranthene	23.93	252	844600	38.749	ng	#	96
89) Benzo(a)pyrene	24.73	252	819141	39.492	ng	#	97
90) Dibenzo(a,h)anthracene	28.60	278	799997	39.286	ng	#	97
91) Benzo(g,h,i)perylene	29.68	276	782223	39.256	ng	#	93

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

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