Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038843.D
Acq On : 27 Dec 2018 14:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/28/2018 4:03:19 PM

Quant Time: Dec 28 00:56:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22123	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	101777	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	74575	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	188213	20.00	ng		0.00
76) Chrysene-d12	21.72	240	178994	20.00	ng		0.00
87) Perylene-d12	25.01	264	191662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	95063	76.21	ng		0.00
7) Phenol-d6	7.21	99	146769	85.71	ng		0.00
23) Nitrobenzene-d5	9.23	82	150410	75.50	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	97343	94.71	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	433205	79.69	ng		0.00
79) Terphenyl-d14	20.04	244	681319	82.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	20200	34.797	ng		99
3) Pyridine	3.89	79	51800	32.410	ng		94
4) n-Nitrosodimethylamine	3.82	42	25792m	32.934	ng		
6) Aniline	7.38	93	89914	41.134	ng		99
8) 2-Chlorophenol	7.62	128	58084	40.240	ng		96
9) Benzaldehyde	7.20	77	41187	37.078	ng		92
10) Phenol	7.24	94	75921	41.734	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	53791	37.139	ng		97
12) 1,3-Dichlorobenzene	7.94	146	68021	39.856	ng		95
13) 1,4-Dichlorobenzene	8.09	146	68937	39.439	ng		96
14) 1,2-Dichlorobenzene	8.41	146	68251	41.418	ng		98
15) Benzyl Alcohol	8.30	79	60299	45.116	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	115195	34.720	ng		96
17) 2-Methylphenol	8.50	107	53900	44.223	ng		93
18) Hexachloroethane	9.13	117	23666	37.053	ng	#	86
19) n-Nitroso-di-n-propylamine	8.86	70	51735	43.018	ng		96
20) 3+4-Methylphenols	8.83	107	77530	46.060	ng		98
22) Acetophenone	8.89	105	101882	40.077	ng		93
24) Nitrobenzene	9.27	77	75051	37.239	ng		99
25) Isophorone	9.78	82	131839	36.832	ng		99
26) 2-Nitrophenol	9.98	139	41669	40.396	ng		94
27) 2,4-Dimethylphenol	10.03	122	60657	41.031	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	77360	38.297	ng		99
29) 2,4-Dichlorophenol	10.52	162	76078	46.259	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	83337	41.951	ng		96
31) Naphthalene	10.92	128	204681	40.817	ng		99
32) Benzoic acid	10.18	122	40733	44.357	ng		90
33) 4-Chloroaniline	11.04	127	95514	43.872	ng		96
34) Hexachlorobutadiene	11.18	225	55632	41.387	ng		94
35) Caprolactam	11.83	113	28778	42.282	ng	#	89
36) 4-Chloro-3-methylphenol	12.15	107	81542	43.448	ng		94
37) 2-Methylnaphthalene	12.52	142	153859	43.007	ng		98
38) 1-Methylnaphthalene	12.75	142	149505	43.066	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	114257	40.988	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	57594	37.607	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	73658	42.975	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	77905	42.929	ng		95
46) 1,1'-Biphenyl	13.53	154	246549	39.437	ng		99
47) 2-Chloronaphthalene	13.57	162	190581	39.464	ng		96
48) 2-Nitroaniline	13.79	65	59513	38.690	ng		94
49) Acenaphthylene	14.42	152	290421	40.228	ng		98
50) Dimethylphthalate	14.14	163	248770	40.849	ng		98
51) 2,6-Dinitrotoluene	14.28	165	55793	40.427	ng		89
52) Acenaphthene	14.76	154	174973	40.532	ng		99
53) 3-Nitroaniline	14.61	138	58671	41.704	ng		90
54) 2,4-Dinitrophenol	14.82	184	32151	41.798	ng		96
55) Dibenzofuran	15.09	168	302833	40.924	ng		98
56) 4-Nitrophenol	14.92	139	40143	37.613	ng		98
57) 2,4-Dinitrotoluene	15.06	165	79361	40.827	ng		96
58) Fluorene	15.74	166	227787	41.548	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	72371	44.326	ng		94
60) Diethylphthalate	15.50	149	263003	39.339	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	146463	42.817	ng		96
62) 4-Nitroaniline	15.78	138	60155	41.533	ng		95
63) Azobenzene	16.02	77	207762	37.200	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	53783	40.058	ng		87
66) n-Nitrosodiphenylamine	15.94	169	227279	41.098	ng		95
67) 4-Bromophenyl-phenylether	16.62	248	99416	43.250	ng		95
68) Hexachlorobenzene	16.74	284	103050	43.248	ng		97
69) Atrazine	16.89	200	75863	36.965	ng		95
70) Pentachlorophenol	17.09	266	56252	39.913	ng		96
71) Phenanthrene	17.49	178	393081	40.274	ng		99
72) Anthracene	17.58	178	390148	40.492	ng		99
73) Carbazole	17.85	167	378951	39.768	ng		98
74) Di-n-butylphthalate	18.38	149	417890	38.219	ng		99
75) Fluoranthene	19.49	202	466761	38.652	ng		98
77) Benzidine	19.68	184	217603	41.107	ng		99
78) Pyrene	19.86	202	471573	39.880	ng		100
80) Butylbenzylphthalate	20.72	149	175055	37.892	ng		97
81) Benzo(a)anthracene	21.70	228	438777	40.229	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	178475	41.259	ng		98
83) Chrysene	21.77	228	415882	39.587	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	244793	37.361	ng		98
85) Di-n-octyl phthalate	22.79	149	404243	36.839	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	494527	40.039	ng	#	85
88) Benzo(b)fluoranthene	23.96	252	435657	41.400	ng		99
89) Benzo(k)fluoranthene	24.03	252	416343m	39.732	ng		
90) Benzo(a)pyrene	24.86	252	411084	40.493	ng	#	98
91) Dibenzo(a,h)anthracene	28.86	278	416304	41.185	ng		99
92) Benzo(g,h,i)perylene	30.00	276	407422	40.900	ng		97

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

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