Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039764.D
Acq On : 5 Mar 2019 14:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
3/6/2019 12:01:02 PM

Quant Time: Mar 05 15:47:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41009	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	195307	20.00	ng		-0.01
39) Acenaphthene-d10	14.79	164	131784	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	323008	20.00	ng		0.00
76) Chrysene-d12	21.82	240	314077	20.00	ng		-0.01
87) Perylene-d12	25.19	264	321631	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	200760	83.52	ng		-0.01
7) Phenol-d6	7.30	99	302387	84.37	ng		-0.01
23) Nitrobenzene-d5	9.34	82	299067	82.82	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	131427	85.56	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	740552	80.01	ng		-0.01
79) Terphenyl-d14	20.12	244	1159848	81.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	44324	39.940	ng		93
3) Pyridine	4.00	79	126716	42.650	ng		98
4) n-Nitrosodimethylamine	3.91	42	59358	42.114	ng		95
6) Aniline	7.48	93	193786	41.268	ng		98
8) 2-Chlorophenol	7.71	128	118844	40.752	ng		99
9) Benzaldehyde	7.30	77	95781	41.427	ng		94
10) Phenol	7.33	94	164337	42.324	ng		96
11) bis(2-Chloroethyl)ether	7.57	93	124999	41.290	ng		98
12) 1,3-Dichlorobenzene	8.04	146	135308	41.025	ng		99
13) 1,4-Dichlorobenzene	8.20	146	135114	40.218	ng		99
14) 1,2-Dichlorobenzene	8.51	146	129924	40.027	ng		96
15) Benzyl Alcohol	8.40	79	122968	43.250	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	245241	40.504	ng		99
17) 2-Methylphenol	8.59	107	105450	42.592	ng		96
18) Hexachloroethane	9.24	117	47647	39.526	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	107281	41.585	ng		94
20) 3+4-Methylphenols	8.92	107	147952	43.015	ng		97
22) Acetophenone	8.99	105	212974	40.629	ng	#	96
24) Nitrobenzene	9.38	77	154799	40.862	ng		97
25) Isophorone	9.89	82	311857	41.215	ng		99
26) 2-Nitrophenol	10.09	139	77637	42.445	ng		97
27) 2,4-Dimethylphenol	10.13	122	118809	41.764	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	182038	39.589	ng		98
29) 2,4-Dichlorophenol	10.62	162	134514	41.998	ng		97
30) 1,2,4-Trichlorobenzene	10.83	180	141392	39.231	ng		97
31) Naphthalene	11.03	128	417223	40.348	ng		99
32) Benzoic acid	10.26	122	76202	40.249	ng		98
33) 4-Chloroaniline	11.14	127	176398	40.229	ng		98
34) Hexachlorobutadiene	11.29	225	94990	38.570	ng		92
35) Caprolactam	11.93	113	52320	42.763	ng		95
36) 4-Chloro-3-methylphenol	12.24	107	153828	41.898	ng		97
37) 2-Methylnaphthalene	12.62	142	314260	40.649	ng		98
38) 1-Methylnaphthalene	12.84	142	301875	40.180	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	180982	40.538	ng		99

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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	12.95	237	94303	39.415	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	110799	42.391	ng		100
44) 2,4,5-Trichlorophenol	13.29	196	124258	42.176	ng		98
46) 1,1'-Biphenyl	13.62	154	439409	40.539	ng		100
47) 2-Chloronaphthalene	13.67	162	330873	40.577	ng		99
48) 2-Nitroaniline	13.88	65	117012	44.653	ng		93
49) Acenaphthylene	14.51	152	546748	40.845	ng		99
50) Dimethylphthalate	14.23	163	447409	40.601	ng		100
51) 2,6-Dinitrotoluene	14.36	165	101733	43.548	ng		91
52) Acenaphthene	14.85	154	331662	41.166	ng		99
53) 3-Nitroaniline	14.70	138	100478	42.788	ng	#	92
54) 2,4-Dinitrophenol	14.89	184	42370m	32.126	ng		
55) Dibenzofuran	15.18	168	533995	40.398	ng		98
56) 4-Nitrophenol	14.99	139	86640	41.243	ng		89
57) 2,4-Dinitrotoluene	15.14	165	142872	43.525	ng	#	88
58) Fluorene	15.83	166	429175	41.301	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	125593	43.649	ng		94
60) Diethylphthalate	15.58	149	448324	41.098	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	221903	40.018	ng		97
62) 4-Nitroaniline	15.86	138	107113	42.074	ng		89
63) Azobenzene	16.11	77	407250	41.184	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	71058	37.206	ng		98
66) n-Nitrosodiphenylamine	16.03	169	385447	41.219	ng		97
67) 4-Bromophenyl-phenylether	16.71	248	147656	40.839	ng		95
68) Hexachlorobenzene	16.82	284	151803	40.505	ng		98
69) Atrazine	16.97	200	151886	41.270	ng		97
70) Pentachlorophenol	17.17	266	96325	40.697	ng		96
71) Phenanthrene	17.57	178	716868	40.292	ng		99
72) Anthracene	17.66	178	710245	40.965	ng		99
73) Carbazole	17.94	167	636206	40.704	ng		98
74) Di-n-butylphthalate	18.46	149	751171	40.847	ng		100
75) Fluoranthene	19.57	202	841398	40.016	ng		98
77) Benzidine	19.75	184	436259	43.772	ng		97
78) Pyrene	19.93	202	838990	41.109	ng		99
80) Butylbenzylphthalate	20.80	149	339159	42.894	ng		97
81) Benzo(a)anthracene	21.79	228	808477	41.073	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	293293	40.811	ng		97
83) Chrysene	21.87	228	773377	40.527	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	471770	42.459	ng		99
85) Di-n-octyl phthalate	22.92	149	797759	43.362	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	902162	41.672	ng		97
88) Benzo(b)fluoranthene	24.11	252	794779	41.439	ng		98
89) Benzo(k)fluoranthene	24.18	252	729136	40.841	ng		99
90) Benzo(a)pyrene	25.03	252	745780	42.080	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	715912	41.204	ng		98
92) Benzo(g,h,i)perylene	30.29	276	723269	41.448	ng		100

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

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