Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037189.D
Acq On : 5 Oct 2018 14:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
10/5/2018 5:49:28 PM

Quant Time: Oct 05 15:09:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48275	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	212045	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	137561	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	328603	20.00	ng		-0.01
75) Chrysene-d12	21.67	240	325913	20.00	ng		-0.02
86) Perylene-d12	24.87	264	336131	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	227808	90.50	ng		-0.01
7) Phenol-d6	7.19	99	324815	83.40	ng		-0.02
23) Nitrobenzene-d5	9.19	82	341113	86.15	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	129236	78.52	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	716149	77.54	ng		-0.02
78) Terphenyl-d14	20.01	244	938062	75.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	54442	47.265	ng		94
3) Pyridine	3.92	79	149983	45.096	ng		97
4) n-Nitrosodimethylamine	3.83	42	69976	47.339	ng	#	96
6) Aniline	7.36	93	199715	39.520	ng		98
8) 2-Chlorophenol	7.59	128	123792	42.354	ng		91
9) Benzaldehyde	7.17	77	101041	39.263	ng		99
10) Phenol	7.22	94	168475	41.915	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	143386	38.565	ng		96
12) 1,3-Dichlorobenzene	7.92	146	146627	40.919	ng		97
13) 1,4-Dichlorobenzene	8.07	146	143884	39.237	ng		98
14) 1,2-Dichlorobenzene	8.38	146	139187	39.168	ng		97
15) Benzyl Alcohol	8.27	79	125309	39.653	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	291020	40.770	ng		98
17) 2-Methylphenol	8.47	107	107962	38.561	ng		97
18) Hexachloroethane	9.11	117	57708	42.764	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	124380	38.391	ng		98
20) 3+4-Methylphenols	8.80	107	158400	40.668	ng		99
22) Acetophenone	8.85	105	207390	41.619	ng		96
24) Nitrobenzene	9.24	77	178560	42.227	ng		97
25) Isophorone	9.76	82	303284	41.918	ng		99
26) 2-Nitrophenol	9.95	139	77885	46.209	ng		96
27) 2,4-Dimethylphenol	10.00	122	107968	41.123	ng		99
28) bis(2-Chloroethoxy)methane	10.24	93	181155	40.577	ng		97
29) 2,4-Dichlorophenol	10.48	162	135053	44.374	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	152040	39.918	ng		99
31) Naphthalene	10.88	128	403969	40.039	ng		99
32) Benzoic acid	10.16	122	78744m	40.219	ng		
33) 4-Chloroaniline	11.00	127	177617	38.719	ng		96
34) Hexachlorobutadiene	11.17	225	102792	39.025	ng		94
35) Caprolactam	11.77	113	50004	39.918	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	155386	42.788	ng		96
37) 2-Methylnaphthalene	12.48	142	295213	38.418	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	188191	39.224	ng		99
40) Hexachlorocyclopentadiene	12.83	237	81819	33.158	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	112226	42.122	ng		99
43) 2,4,5-Trichlorophenol	13.16	196	119875	42.195	ng		98
45) 1,1'-Biphenyl	13.49	154	417289	39.609	ng		96
46) 2-Chloronaphthalene	13.53	162	324887	39.214	ng		99
47) 2-Nitroaniline	13.74	65	123926	43.245	ng		97
48) Acenaphthylene	14.38	152	512455	39.472	ng		98
49) Dimethylphthalate	14.11	163	422609	38.167	ng		98
50) 2,6-Dinitrotoluene	14.23	165	95432	39.502	ng		99
51) Acenaphthene	14.72	154	303517	38.682	ng		98
52) 3-Nitroaniline	14.57	138	102320	40.193	ng		98
53) 2,4-Dinitrophenol	14.77	184	36740	36.997	ng		92
54) Dibenzofuran	15.06	168	512924	38.647	ng		98
55) 4-Nitrophenol	14.87	139	70664	43.450	ng		96
56) 2,4-Dinitrotoluene	15.02	165	133880	39.714	ng		97
57) Fluorene	15.70	166	381002	38.408	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	116166	40.308	ng		99
59) Diethylphthalate	15.47	149	429711	38.477	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	234566	37.338	ng		98
61) 4-Nitroaniline	15.73	138	104427	38.998	ng		100
62) Azobenzene	15.99	77	443782	41.356	ng		99
64) 4,6-Dinitro-2-methylphenol	15.78	198	74530	43.382	ng		95
65) n-Nitrosodiphenylamine	15.91	169	375356	41.376	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	147154	39.370	ng		97
67) Hexachlorobenzene	16.71	284	148428	38.557	ng		95
68) Atrazine	16.85	200	137953	37.556	ng		99
69) Pentachlorophenol	17.05	266	93238	38.469	ng		99
70) Phenanthrene	17.45	178	635869	40.155	ng		99
71) Anthracene	17.54	178	637736	40.729	ng		100
72) Carbazole	17.81	167	622819	40.796	ng		100
73) Di-n-butylphthalate	18.36	149	710292	41.895	ng		99
74) Fluoranthene	19.45	202	749451	39.318	ng		98
76) Benzidine	19.63	184	433559	44.006	ng		100
77) Pyrene	19.82	202	763495	39.038	ng		99
79) Butylbenzylphthalate	20.70	149	324669	41.648	ng		96
80) Benzo(a)anthracene	21.65	228	737696	38.775	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	279414	38.584	ng		97
82) Chrysene	21.72	228	720637	39.203	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	455392	41.817	ng		100
84) Di-n-octyl phthalate	22.75	149	765894	42.715	ng		99
85) Indeno(1,2,3-cd)pyrene	28.50	276	798783	40.466	ng	#	93
87) Benzo(b)fluoranthene	23.85	252	699109	39.027	ng		97
88) Benzo(k)fluoranthene	23.92	252	719469	40.033	ng		99
89) Benzo(a)pyrene	24.72	252	683422	39.463	ng		99
90) Dibenzo(a,h)anthracene	28.56	278	658996	40.602	ng		99
91) Benzo(g,h,i)perylene	29.64	276	653624	40.126	ng		99

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

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