Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040472.D
Acq On : 12 Apr 2019 22:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/15/2019 12:29:56 AM

Quant Time: Apr 13 01:01:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42480	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	182220	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	119997	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	325038	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	372329	20.00	ng		-0.04
87) Perylene-d12	24.96	264	387861	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	199884	78.22	ng		-0.02
7) Phenol-d6	7.20	99	282294	79.94	ng		-0.02
23) Nitrobenzene-d5	9.22	82	257759	75.19	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	113428	87.46	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	610200	75.35	ng		-0.03
79) Terphenyl-d14	20.02	244	1202962	72.68	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	49723	41.382	ng		95
3) Pyridine	3.90	79	126470	39.093	ng		99
4) n-Nitrosodimethylamine	3.82	42	55309	36.960	ng	#	88
6) Aniline	7.37	93	170306	37.118	ng		98
8) 2-Chlorophenol	7.61	128	115309	38.549	ng		95
9) Benzaldehyde	7.19	77	78952	32.592	ng		96
10) Phenol	7.22	94	150083	39.154	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	112657	36.695	ng		98
12) 1,3-Dichlorobenzene	7.93	146	124314	38.231	ng		94
13) 1,4-Dichlorobenzene	8.08	146	125021	38.603	ng		100
14) 1,2-Dichlorobenzene	8.40	146	117516	37.944	ng		92
15) Benzyl Alcohol	8.29	79	100367	35.290	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	217347	36.887	ng		98
17) 2-Methylphenol	8.48	107	98389	37.094	ng		98
18) Hexachloroethane	9.12	117	45608	37.023	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	88494	34.950	ng		99
20) 3+4-Methylphenols	8.81	107	134323	37.382	ng		98
22) Acetophenone	8.87	105	169077	37.197	ng	#	96
24) Nitrobenzene	9.26	77	133383	37.573	ng		97
25) Isophorone	9.77	82	252859	35.847	ng		99
26) 2-Nitrophenol	9.97	139	64307	38.230	ng		99
27) 2,4-Dimethylphenol	10.01	122	98337	36.804	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	153374	36.752	ng		98
29) 2,4-Dichlorophenol	10.50	162	113532	39.146	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	122615	38.503	ng		99
31) Naphthalene	10.91	128	360366	38.583	ng		99
32) Benzoic acid	10.16	122	34427m	21.325	ng		
33) 4-Chloroaniline	11.03	127	154003	38.655	ng		97
34) Hexachlorobutadiene	11.17	225	72371	35.534	ng		92
35) Caprolactam	11.81	113	45940	39.916	ng		96
36) 4-Chloro-3-methylphenol	12.14	107	136692	40.997	ng		99
37) 2-Methylnaphthalene	12.51	142	266375	38.561	ng		98
38) 1-Methylnaphthalene	12.72	142	264380	39.469	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	139313	36.527	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	91376	43.635	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	89140	36.251	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	103989	38.799	ng		97
46) 1,1'-Biphenyl	13.51	154	354622	37.402	ng		99
47) 2-Chloronaphthalene	13.56	162	268783	36.957	ng		100
48) 2-Nitroaniline	13.77	65	98786	40.269	ng		96
49) Acenaphthylene	14.40	152	483651	39.223	ng		98
50) Dimethylphthalate	14.13	163	367330	39.113	ng		98
51) 2,6-Dinitrotoluene	14.26	165	84939	40.280	ng		97
52) Acenaphthene	14.74	154	273206	38.666	ng		97
53) 3-Nitroaniline	14.59	138	94329	42.259	ng		96
54) 2,4-Dinitrophenol	14.80	184	39384	35.118	ng		97
55) Dibenzofuran	15.07	168	457880	40.329	ng		99
56) 4-Nitrophenol	14.90	139	68531	38.041	ng		98
57) 2,4-Dinitrotoluene	15.04	165	128161	43.740	ng		98
58) Fluorene	15.72	166	368837	41.320	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	104933	43.144	ng		97
60) Diethylphthalate	15.47	149	394669	41.068	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	191385	40.110	ng		96
62) 4-Nitroaniline	15.75	138	104024	43.425	ng		95
63) Azobenzene	16.00	77	383192	42.272	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	64992	35.590	ng		97
66) n-Nitrosodiphenylamine	15.93	169	343925	36.159	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	130627	35.712	ng		95
68) Hexachlorobenzene	16.71	284	135764	36.915	ng		96
69) Atrazine	16.87	200	131889	37.276	ng		100
70) Pentachlorophenol	17.07	266	81938	38.536	ng		97
71) Phenanthrene	17.46	178	662568	38.782	ng		99
72) Anthracene	17.55	178	660543	38.628	ng		100
73) Carbazole	17.83	167	665476	41.121	ng		100
74) Di-n-butylphthalate	18.36	149	780194	40.671	ng		99
75) Fluoranthene	19.47	202	882101	43.603	ng		99
77) Benzidine	19.66	184	561551	41.766	ng		98
78) Pyrene	19.83	202	890368	36.364	ng		99
80) Butylbenzylphthalate	20.70	149	394118	37.616	ng		95
81) Benzo(a)anthracene	21.67	228	868489	37.870	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	331647	38.016	ng		99
83) Chrysene	21.74	228	841030	38.159	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	577207	38.539	ng		99
85) Di-n-octyl phthalate	22.76	149	974224	38.179	ng		100
86) Indeno(1,2,3-cd)pyrene	28.72	276	1009495	37.448	ng	#	87
88) Benzo(b)fluoranthene	23.92	252	896387	37.748	ng		99
89) Benzo(k)fluoranthene	23.99	252	851050	38.972	ng		99
90) Benzo(a)pyrene	24.81	252	859871	38.593	ng		99
91) Dibenzo(a,h)anthracene	28.78	278	789080	38.133	ng		97
92) Benzo(g,h,i)perylene	29.91	276	808703	38.028	ng		98

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

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