Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
Data File : BG040547.D
Acq On : 18 Apr 2019 2:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 18 10:33:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49147	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	206984	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	130231	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	337681	20.00	ng		0.00
76) Chrysene-d12	21.69	240	327057	20.00	ng		0.00
87) Perylene-d12	24.96	264	369503	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	230147	77.85	ng		0.00
7) Phenol-d6	7.20	99	307825	75.34	ng		0.00
23) Nitrobenzene-d5	9.22	82	303464	77.93	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	114939	81.66	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	667147	75.91	ng		0.00
79) Terphenyl-d14	20.02	244	1126329	77.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	58831	42.321	ng		97
3) Pyridine	3.90	79	150824	40.297	ng		94
4) n-Nitrosodimethylamine	3.82	42	70514	40.728	ng	#	94
6) Aniline	7.37	93	197745	37.252	ng		97
8) 2-Chlorophenol	7.60	128	128651	37.175	ng		97
9) Benzaldehyde	7.19	77	114175	40.739	ng		97
10) Phenol	7.23	94	167604	37.793	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	126313	35.562	ng		99
12) 1,3-Dichlorobenzene	7.93	146	140660	37.390	ng		99
13) 1,4-Dichlorobenzene	8.08	146	140847	37.590	ng		100
14) 1,2-Dichlorobenzene	8.40	146	133565	37.276	ng		98
15) Benzyl Alcohol	8.28	79	116545	35.419	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.56	45	258920	37.982	ng		99
17) 2-Methylphenol	8.48	107	109531	35.693	ng		97
18) Hexachloroethane	9.12	117	50955	35.752	ng		92
19) n-Nitroso-di-n-propylamine	8.84	70	106450	36.339	ng		98
20) 3+4-Methylphenols	8.81	107	151260	36.385	ng		95
22) Acetophenone	8.87	105	191736	37.135	ng	#	98
24) Nitrobenzene	9.26	77	154166	38.231	ng		95
25) Isophorone	9.77	82	303628	37.895	ng		98
26) 2-Nitrophenol	9.97	139	73004	38.207	ng		97
27) 2,4-Dimethylphenol	10.02	122	114578	37.751	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	175713	37.068	ng		99
29) 2,4-Dichlorophenol	10.51	162	122777	37.269	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	130985	36.210	ng		98
31) Naphthalene	10.90	128	404831	38.158	ng		98
32) Benzoic acid	10.23	122	10840m	5.911	ng		
33) 4-Chloroaniline	11.02	127	170893	37.762	ng		97
34) Hexachlorobutadiene	11.17	225	84056	36.334	ng		95
35) Caprolactam	11.81	113	52972	40.519	ng		95
36) 4-Chloro-3-methylphenol	12.13	107	146497	38.681	ng		97
37) 2-Methylnaphthalene	12.50	142	298615	38.057	ng		98
38) 1-Methylnaphthalene	12.73	142	293070	38.517	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	149988	36.236	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	96523	42.470	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	95588	35.819	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	103195	35.477	ng		95
46) 1,1'-Biphenyl	13.51	154	387680	37.676	ng		100
47) 2-Chloronaphthalene	13.55	162	289683	36.701	ng		99
48) 2-Nitroaniline	13.77	65	107814	40.495	ng		92
49) Acenaphthylene	14.40	152	520057	38.861	ng		99
50) Dimethylphthalate	14.12	163	405741	39.808	ng	#	97
51) 2,6-Dinitrotoluene	14.26	165	93044	40.656	ng		97
52) Acenaphthene	14.74	154	294364	38.387	ng		97
53) 3-Nitroaniline	14.59	138	97850	40.392	ng		93
54) 2,4-Dinitrophenol	14.81	184	12866	10.571	ng		91
55) Dibenzofuran	15.07	168	481031	39.038	ng		98
56) 4-Nitrophenol	14.89	139	77650	39.715	ng		95
57) 2,4-Dinitrotoluene	15.04	165	134525	42.304	ng		90
58) Fluorene	15.72	166	386460	39.892	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	104330	39.525	ng		97
60) Diethylphthalate	15.48	149	431558	41.377	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	197158	38.073	ng		95
62) 4-Nitroaniline	15.76	138	114261	43.951	ng		94
63) Azobenzene	16.00	77	405223	41.190	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	38569	20.330	ng		93
66) n-Nitrosodiphenylamine	15.92	169	359541	36.385	ng		96
67) 4-Bromophenyl-phenylether	16.60	248	135024	35.532	ng		96
68) Hexachlorobenzene	16.72	284	137246	35.921	ng		98
69) Atrazine	16.86	200	132176	35.958	ng		98
70) Pentachlorophenol	17.07	266	71489m	32.363	ng		
71) Phenanthrene	17.46	178	677354	38.163	ng		98
72) Anthracene	17.55	178	670371	37.734	ng		98
73) Carbazole	17.83	167	660974	39.313	ng		99
74) Di-n-butylphthalate	18.35	149	790337	39.657	ng		99
75) Fluoranthene	19.47	202	838053	39.875	ng		99
77) Benzidine	19.65	184	378738m	32.068	ng		
78) Pyrene	19.83	202	850428	39.541	ng		99
80) Butylbenzylphthalate	20.70	149	376392	40.897	ng		97
81) Benzo(a)anthracene	21.67	228	820415	40.726	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	310359	40.500	ng		98
83) Chrysene	21.74	228	787117	40.656	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	545857	41.491	ng		99
85) Di-n-octyl phthalate	22.76	149	925820	41.304	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	974240	41.143	ng		99
88) Benzo(b)fluoranthene	23.92	252	851608	37.644	ng		98
89) Benzo(k)fluoranthene	23.98	252	801777	38.540	ng		99
90) Benzo(a)pyrene	24.81	252	812484	38.278	ng		100
91) Dibenzo(a,h)anthracene	28.78	278	774966	39.311	ng		98
92) Benzo(g,h,i)perylene	29.91	276	794185	39.200	ng		97

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

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