Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045007.D
Acq On : 16 Apr 2020 15:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 16 17:10:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	76430	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	322798	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	257640	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	649210	20.00	ng		0.00
76) Chrysene-d12	21.67	240	606178	20.00	ng		0.00
87) Perylene-d12	24.85	264	666971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	375391	81.09	ng		0.00
7) Phenol-d6	7.18	99	570527	82.95	ng		0.00
23) Nitrobenzene-d5	9.18	82	577283	81.60	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	328503	82.53	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1365380	77.71	ng		0.00
79) Terphenyl-d14	20.01	244	2271853	81.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	85322	41.471	ng		99
3) Pyridine	3.88	79	270248	42.662	ng		98
4) n-Nitrosodimethylamine	3.79	42	81455	41.975	ng		99
6) Aniline	7.34	93	369162	41.279	ng		99
8) 2-Chlorophenol	7.59	128	203279	40.857	ng		99
9) Benzaldehyde	7.15	77	162771	42.855	ng		95
10) Phenol	7.21	94	285472	41.475	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	221059	40.339	ng		98
12) 1,3-Dichlorobenzene	7.92	146	240091	40.951	ng		96
13) 1,4-Dichlorobenzene	8.06	146	235551	40.320	ng		98
14) 1,2-Dichlorobenzene	8.38	146	228630	40.907	ng		96
15) Benzyl Alcohol	8.26	79	240326	41.674	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	209719	38.986	ng		96
17) 2-Methylphenol	8.46	107	215035	40.492	ng		96
18) Hexachloroethane	9.12	117	87699	39.932	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	199350	40.982	ng		97
20) 3+4-Methylphenols	8.79	107	306881	41.285	ng		94
22) Acetophenone	8.84	105	349312	40.016	ng	#	99
24) Nitrobenzene	9.22	77	299204	41.261	ng		95
25) Isophorone	9.75	82	603734	41.673	ng		98
26) 2-Nitrophenol	9.93	139	133280	42.669	ng		97
27) 2,4-Dimethylphenol	10.00	122	197937	39.937	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	311050	40.864	ng		97
29) 2,4-Dichlorophenol	10.48	162	239573	41.862	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	264109	40.761	ng		96
31) Naphthalene	10.88	128	728118	41.233	ng		98
32) Benzoic acid	10.15	122	183052	46.022	ng		95
33) 4-Chloroaniline	10.98	127	340089	41.296	ng		98
34) Hexachlorobutadiene	11.18	225	179786	40.470	ng		98
35) Caprolactam	11.75	113	101143	44.406	ng		89
36) 4-Chloro-3-methylphenol	12.11	107	280556	41.731	ng		100
37) 2-Methylnaphthalene	12.49	142	567234	41.385	ng		99
38) 1-Methylnaphthalene	12.70	142	537145	41.512	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	312550	37.678	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	193358	37.294 ng		99
43) 2,4,6-Trichlorophenol	13.09	196	232401	39.696 ng		97
44) 2,4,5-Trichlorophenol	13.16	196	260962	39.160 ng		95
46) 1,1'-Biphenyl	13.49	154	756246	38.619 ng		98
47) 2-Chloronaphthalene	13.53	162	579160	38.706 ng		98
48) 2-Nitroaniline	13.73	65	197195	40.055 ng		95
49) Acenaphthylene	14.38	152	953419	39.119 ng		99
50) Dimethylphthalate	14.11	163	857503	40.876 ng		98
51) 2,6-Dinitrotoluene	14.22	165	189461	40.378 ng		98
52) Acenaphthene	14.72	154	649198	39.368 ng		98
53) 3-Nitroaniline	14.55	138	206121	40.052 ng		92
54) 2,4-Dinitrophenol	14.75	184	117892	42.253 ng		96
55) Dibenzofuran	15.05	168	948649	39.459 ng		98
56) 4-Nitrophenol	14.86	139	167385	41.949 ng		94
57) 2,4-Dinitrotoluene	15.01	165	285540	41.641 ng		93
58) Fluorene	15.71	166	789149	40.186 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	242082	40.827 ng		99
60) Diethylphthalate	15.48	149	895999	40.966 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	457664	40.490 ng		99
62) 4-Nitroaniline	15.72	138	218746	40.981 ng		99
63) Azobenzene	15.99	77	819603	40.645 ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	176501	41.361 ng		99
66) n-Nitrosodiphenylamine	15.91	169	720176	38.609 ng		99
67) 4-Bromophenyl-phenylether	16.59	248	326344	38.965 ng		96
68) Hexachlorobenzene	16.72	284	339957	39.137 ng		98
69) Atrazine	16.86	200	280034	40.705 ng		99
70) Pentachlorophenol	17.05	266	218517	41.008 ng		99
71) Phenanthrene	17.45	178	1306487	39.162 ng		99
72) Anthracene	17.53	178	1319716	39.436 ng		99
73) Carbazole	17.80	167	1300080	38.282 ng		99
74) Di-n-butylphthalate	18.37	149	1549699	41.441 ng		99
75) Fluoranthene	19.45	202	1639805	41.313 ng		99
77) Benzidine	19.62	184	675870	37.503 ng		96
78) Pyrene	19.81	202	1617127	38.696 ng		100
80) Butylbenzylphthalate	20.70	149	700397	40.433 ng		99
81) Benzo(a)anthracene	21.65	228	1593715	40.564 ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	647575	41.411 ng		99
83) Chrysene	21.72	228	1520038	40.266 ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	960445	40.313 ng		99
85) Di-n-octyl phthalate	22.77	149	1686822	40.944 ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	2038538	40.674 ng	#	95
88) Benzo(b)fluoranthene	23.85	252	1690456	40.462 ng		99
89) Benzo(k)fluoranthene	23.92	252	1656550	41.694 ng		99
90) Benzo(a)pyrene	24.71	252	1622693	41.137 ng		99
91) Dibenzo(a,h)anthracene	28.54	278	1661128	41.792 ng		97
92) Benzo(g,h,i)perylene	29.61	276	1649902	41.404 ng		99

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

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