Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041658.D
Acq On : 16 Jul 2019 8:27
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 17 01:34:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	86215	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	378764	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	241228	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	574573	20.00	ng		0.00
76) Chrysene-d12	21.65	240	535679	20.00	ng		0.00
87) Perylene-d12	24.85	264	625675	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	431407	81.80	ng		0.00
7) Phenol-d6	7.20	99	589751	83.14	ng		0.00
23) Nitrobenzene-d5	9.20	82	531023	85.26	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	240774	88.57	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1279608	82.14	ng		0.00
79) Terphenyl-d14	20.01	244	1952759	85.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	99059	39.548	ng		100
3) Pyridine	3.90	79	283108	42.342	ng		99
4) n-Nitrosodimethylamine	3.81	42	128402	41.585	ng		95
6) Aniline	7.37	93	389393	40.844	ng		99
8) 2-Chlorophenol	7.61	128	244559	40.961	ng		98
9) Benzaldehyde	7.18	77	183300	42.684	ng		92
10) Phenol	7.22	94	308525	41.281	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	244151	40.449	ng		97
12) 1,3-Dichlorobenzene	7.94	146	291917	40.976	ng		99
13) 1,4-Dichlorobenzene	8.09	146	287124	40.245	ng		99
14) 1,2-Dichlorobenzene	8.41	146	274097	40.749	ng		99
15) Benzyl Alcohol	8.28	79	230401	40.798	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	512769	40.998	ng		99
17) 2-Methylphenol	8.48	107	212302	41.076	ng		98
18) Hexachloroethane	9.15	117	106536	40.769	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	215362	41.537	ng		99
20) 3+4-Methylphenols	8.81	107	298818	42.190	ng		99
22) Acetophenone	8.87	105	375806	40.738	ng	#	97
24) Nitrobenzene	9.25	77	283000	41.654	ng		99
25) Isophorone	9.77	82	566243	41.520	ng		98
26) 2-Nitrophenol	9.96	139	129213	42.091	ng		99
27) 2,4-Dimethylphenol	10.02	122	220516	40.867	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	344007	40.927	ng		99
29) 2,4-Dichlorophenol	10.50	162	254206	41.320	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	294219	40.730	ng		99
31) Naphthalene	10.91	128	770841	41.338	ng		98
32) Benzoic acid	10.14	122	171119	42.553	ng		97
33) 4-Chloroaniline	11.00	127	356927	41.496	ng		99
34) Hexachlorobutadiene	11.20	225	193475	41.672	ng		98
35) Caprolactam	11.77	113	94088	41.608	ng		97
36) 4-Chloro-3-methylphenol	12.12	107	270012	41.894	ng		98
37) 2-Methylnaphthalene	12.51	142	597189	41.918	ng		99
38) 1-Methylnaphthalene	12.72	142	570595	42.011	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	335507	40.604	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	189244	40.487 ng		98
43) 2,4,6-Trichlorophenol	13.11	196	225339	41.971 ng		98
44) 2,4,5-Trichlorophenol	13.17	196	237409	41.969 ng		96
46) 1,1'-Biphenyl	13.51	154	740522	40.975 ng		97
47) 2-Chloronaphthalene	13.55	162	611906	40.626 ng		98
48) 2-Nitroaniline	13.74	65	190963	43.546 ng		94
49) Acenaphthylene	14.39	152	967805	41.160 ng		98
50) Dimethylphthalate	14.12	163	792821	41.847 ng		99
51) 2,6-Dinitrotoluene	14.23	165	174852	43.510 ng		94
52) Acenaphthene	14.73	154	605658	40.874 ng		98
53) 3-Nitroaniline	14.56	138	190072	43.328 ng	#	95
54) 2,4-Dinitrophenol	14.76	184	74615	40.918 ng	#	69
55) Dibenzofuran	15.07	168	929758	41.815 ng		95
56) 4-Nitrophenol	14.85	139	155880	43.889 ng		98
57) 2,4-Dinitrotoluene	15.02	165	242484	45.647 ng		99
58) Fluorene	15.71	166	754563	41.706 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	227333	43.531 ng		98
60) Diethylphthalate	15.49	149	794517	41.627 ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	426492	41.702 ng		98
62) 4-Nitroaniline	15.71	138	203988	43.844 ng		98
63) Azobenzene	16.00	77	711529	41.235 ng		96
65) 4,6-Dinitro-2-methylphenol	15.77	198	111173	41.765 ng		98
66) n-Nitrosodiphenylamine	15.91	169	689880	40.886 ng		98
67) 4-Bromophenyl-phenylether	16.60	248	284990	41.685 ng		97
68) Hexachlorobenzene	16.71	284	287168	41.713 ng		99
69) Atrazine	16.86	200	249299	40.714 ng		99
70) Pentachlorophenol	17.05	266	186030	43.217 ng		99
71) Phenanthrene	17.45	178	1217971	42.092 ng		96
72) Anthracene	17.54	178	1213315	42.066 ng		97
73) Carbazole	17.80	167	1126114	42.098 ng		96
74) Di-n-butylphthalate	18.37	149	1335316	40.928 ng		97
75) Fluoranthene	19.45	202	1475125	41.517 ng		94
77) Benzidine	19.62	184	799895	43.273 ng		98
78) Pyrene	19.81	202	1473082	40.660 ng		94
80) Butylbenzylphthalate	20.70	149	627987	41.713 ng		97
81) Benzo(a)anthracene	21.64	228	1462712	42.262 ng		96
82) 3,3'-Dichlorobenzidine	21.55	252	573408	42.102 ng		99
83) Chrysene	21.70	228	1382487	41.803 ng		95
84) Bis(2-ethylhexyl)phthalate	21.57	149	885669	41.666 ng		96
85) Di-n-octyl phthalate	22.78	149	1512767	41.790 ng		97
86) Indeno(1,2,3-cd)pyrene	28.51	276	1776728	40.716 ng	#	92
88) Benzo(b)fluoranthene	23.84	252	1560138	41.108 ng		96
89) Benzo(k)fluoranthene	23.91	252	1465095	41.662 ng		97
90) Benzo(a)pyrene	24.70	252	1473549	41.037 ng		97
91) Dibenzo(a,h)anthracene	28.58	278	1424619	40.919 ng		98
92) Benzo(g,h,i)perylene	29.64	276	1429592	40.975 ng		99

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

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