Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
Data File : BG041836.D
Acq On : 31 Jul 2019 16:53
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 01 01:51:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	92297	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	405674	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	301860	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	676989	20.00	ng		0.00
76) Chrysene-d12	21.74	240	651069	20.00	ng		0.00
87) Perylene-d12	25.01	264	780665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	384914	81.14	ng		0.00
7) Phenol-d6	7.19	99	527792	82.53	ng		0.00
23) Nitrobenzene-d5	9.21	82	502979	85.32	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	303066	88.39	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1368227	79.94	ng		0.00
79) Terphenyl-d14	20.07	244	2160136	75.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	83068	37.204	ng		90
3) Pyridine	3.87	79	236764	38.669	ng		90
4) n-Nitrosodimethylamine	3.78	42	97232	40.059	ng		92
6) Aniline	7.36	93	362540	40.258	ng		97
8) 2-Chlorophenol	7.61	128	225869	41.580	ng		91
9) Benzaldehyde	7.17	77	170735	37.940	ng		95
10) Phenol	7.22	94	271964	40.875	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	215946	39.479	ng		92
12) 1,3-Dichlorobenzene	7.93	146	283217	39.947	ng		97
13) 1,4-Dichlorobenzene	8.08	146	282601	39.836	ng		98
14) 1,2-Dichlorobenzene	8.40	146	272142	40.203	ng		94
15) Benzyl Alcohol	8.28	79	210097	41.757	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	380405	39.090	ng		97
17) 2-Methylphenol	8.48	107	197065	40.726	ng		99
18) Hexachloroethane	9.14	117	101427	41.751	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	192945	41.555	ng		88
20) 3+4-Methylphenols	8.81	107	275364	41.585	ng		99
22) Acetophenone	8.87	105	354779	39.099	ng	#	93
24) Nitrobenzene	9.25	77	259544	41.792	ng		99
25) Isophorone	9.78	82	514980	40.158	ng		99
26) 2-Nitrophenol	9.97	139	143909	49.928	ng		95
27) 2,4-Dimethylphenol	10.03	122	208990	41.082	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	317481	39.617	ng		99
29) 2,4-Dichlorophenol	10.51	162	269159	43.448	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	316443	40.281	ng		98
31) Naphthalene	10.92	128	741914	39.960	ng		97
32) Benzoic acid	10.17	122	153261	43.232	ng		95
33) 4-Chloroaniline	11.02	127	357822	40.639	ng		96
34) Hexachlorobutadiene	11.21	225	215618	40.667	ng		97
35) Caprolactam	11.79	113	93125	43.255	ng	#	82
36) 4-Chloro-3-methylphenol	12.14	107	263834	42.957	ng		95
37) 2-Methylnaphthalene	12.53	142	597679	40.669	ng		100
38) 1-Methylnaphthalene	12.75	142	568463	40.817	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	381446	39.921	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	231049	43.009 ng		98
43) 2,4,6-Trichlorophenol	13.13	196	261713	43.335 ng		98
44) 2,4,5-Trichlorophenol	13.20	196	270068	43.033 ng		95
46) 1,1'-Biphenyl	13.53	154	773847	39.880 ng		95
47) 2-Chloronaphthalene	13.57	162	654314	39.605 ng		96
48) 2-Nitroaniline	13.77	65	191337	45.665 ng		91
49) Acenaphthylene	14.42	152	994652	40.249 ng		98
50) Dimethylphthalate	14.15	163	852650	41.359 ng		99
51) 2,6-Dinitrotoluene	14.26	165	197154	45.735 ng		87
52) Acenaphthene	14.77	154	649798	40.428 ng		98
53) 3-Nitroaniline	14.59	138	203373	44.099 ng	#	92
54) 2,4-Dinitrophenol	14.80	184	110833	49.786 ng		89
55) Dibenzofuran	15.10	168	988574	40.212 ng		95
56) 4-Nitrophenol	14.90	139	159910	45.680 ng		93
57) 2,4-Dinitrotoluene	15.06	165	277113	46.744 ng		92
58) Fluorene	15.75	166	794732	40.282 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	273448	43.993 ng		92
60) Diethylphthalate	15.52	149	835291	41.270 ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	491156	40.779 ng		92
62) 4-Nitroaniline	15.76	138	218384	43.719 ng		96
63) Azobenzene	16.04	77	653633	39.534 ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	158421	47.839 ng		86
66) n-Nitrosodiphenylamine	15.95	169	737284	39.981 ng		97
67) 4-Bromophenyl-phenylether	16.64	248	335265	40.204 ng		97
68) Hexachlorobenzene	16.76	284	352294	40.381 ng		94
69) Atrazine	16.90	200	296960	40.986 ng		99
70) Pentachlorophenol	17.10	266	222141	44.822 ng		97
71) Phenanthrene	17.49	178	1302883	40.150 ng		97
72) Anthracene	17.59	178	1309979	40.477 ng		96
73) Carbazole	17.85	167	1175729	40.476 ng		96
74) Di-n-butylphthalate	18.42	149	1370029	41.603 ng		97
75) Fluoranthene	19.50	202	1606912	40.740 ng		94
77) Benzidine	19.68	184	936271	44.058 ng		99
78) Pyrene	19.87	202	1592489	41.283 ng		95
80) Butylbenzylphthalate	20.75	149	637335	43.093 ng		89
81) Benzo(a)anthracene	21.72	228	1575633	40.904 ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	650223	42.043 ng	#	98
83) Chrysene	21.78	228	1515377	41.040 ng		95
84) Bis(2-ethylhexyl)phthalate	21.63	149	874790	42.880 ng		98
85) Di-n-octyl phthalate	22.87	149	1502423	43.759 ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	2000678	40.931 ng	#	89
88) Benzo(b)fluoranthene	23.97	252	1712420	40.098 ng	#	97
89) Benzo(k)fluoranthene	24.05	252	1669441	40.131 ng	#	95
90) Benzo(a)pyrene	24.86	252	1643684	40.131 ng	#	97
91) Dibenzo(a,h)anthracene	28.82	278	1605852	39.930 ng	#	95
92) Benzo(g,h,i)perylene	29.92	276	1596200	39.726 ng	#	96

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

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