Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
Data File : BG044051.D
Acq On : 15 Jan 2020 15:52
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 16 08:08:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	93646	20.00	ng		-0.01
21) Naphthalene-d8	10.75	136	394227	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	258901	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	564965	20.00	ng		-0.01
76) Chrysene-d12	21.57	240	493369	20.00	ng		-0.02
87) Perylene-d12	24.68	264	557559	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	457869	89.77	ng		-0.01
7) Phenol-d6	7.12	99	612695	85.94	ng		0.00
23) Nitrobenzene-d5	9.10	82	560039	76.00	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	242563	89.53	ng		-0.01
45) 2-Fluorobiphenyl	13.20	172	1230550	86.11	ng		-0.02
79) Terphenyl-d14	19.94	244	1773429	87.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	102187	45.952	ng		95
3) Pyridine	3.82	79	287904	43.825	ng		95
4) n-Nitrosodimethylamine	3.73	42	112684	38.527	ng		95
6) Aniline	7.27	93	376258	40.182	ng		97
8) 2-Chlorophenol	7.52	128	248203	41.453	ng		94
9) Benzaldehyde	7.08	77	160729	35.226	ng		98
10) Phenol	7.15	94	304701	41.482	ng		98
11) bis(2-Chloroethyl)ether	7.36	93	249338	39.325	ng		99
12) 1,3-Dichlorobenzene	7.84	146	293003	41.818	ng		99
13) 1,4-Dichlorobenzene	7.99	146	290775	42.060	ng		98
14) 1,2-Dichlorobenzene	8.30	146	276515	41.671	ng		99
15) Benzyl Alcohol	8.19	79	219134	38.947	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	354190	36.107	ng		99
17) 2-Methylphenol	8.39	107	215656	40.571	ng		98
18) Hexachloroethane	9.03	117	108600	40.371	ng		97
19) n-Nitroso-di-n-propylamine	8.75	70	201475	37.948	ng		98
20) 3+4-Methylphenols	8.72	107	301288	40.631	ng		96
22) Acetophenone	8.77	105	392518	40.050	ng	#	97
24) Nitrobenzene	9.14	77	276962	37.947	ng		99
25) Isophorone	9.67	82	531979	38.478	ng		98
26) 2-Nitrophenol	9.85	139	149603	43.324	ng		97
27) 2,4-Dimethylphenol	9.92	122	203351	39.121	ng		97
28) bis(2-Chloroethoxy)methane	10.15	93	349865	37.958	ng		99
29) 2,4-Dichlorophenol	10.40	162	248325	40.050	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	276656	39.795	ng		98
31) Naphthalene	10.80	128	784361	41.115	ng		98
32) Benzoic acid	10.07	122	137996	34.609	ng		92
33) 4-Chloroaniline	10.90	127	364638	40.074	ng		98
34) Hexachlorobutadiene	11.09	225	165453	38.979	ng		97
35) Caprolactam	11.67	113	96299	41.721	ng		97
36) 4-Chloro-3-methylphenol	12.03	107	265932	40.289	ng		99
37) 2-Methylnaphthalene	12.40	142	581247	40.470	ng		98
38) 1-Methylnaphthalene	12.62	142	553475	40.660	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	297458	39.199	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	144661	36.771 ng	100
43) 2,4,6-Trichlorophenol	13.01	196	208261	39.886 ng	100
44) 2,4,5-Trichlorophenol	13.09	196	214492	39.829 ng	97
46) 1,1'-Biphenyl	13.41	154	759289	40.904 ng	98
47) 2-Chloronaphthalene	13.46	162	596391	39.760 ng	98
48) 2-Nitroaniline	13.65	65	185601	38.466 ng	97
49) Acenaphthylene	14.30	152	901285	41.805 ng	97
50) Dimethylphthalate	14.04	163	760720	41.382 ng	99
51) 2,6-Dinitrotoluene	14.15	165	167148	40.228 ng	95
52) Acenaphthene	14.65	154	585932	38.754 ng	96
53) 3-Nitroaniline	14.48	138	195198	41.370 ng	100
54) 2,4-Dinitrophenol	14.68	184	93121	46.460 ng	96
55) Dibenzofuran	14.98	168	875718	42.075 ng	97
56) 4-Nitrophenol	14.79	139	146972	40.648 ng	93
57) 2,4-Dinitrotoluene	14.94	165	243178	43.012 ng	97
58) Fluorene	15.63	166	691687	41.929 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	193045	41.688 ng	96
60) Diethylphthalate	15.40	149	772746	42.028 ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	359290	40.110 ng	98
62) 4-Nitroaniline	15.64	138	195092	41.870 ng	94
63) Azobenzene	15.91	77	674087	39.532 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	129867	44.924 ng	97
66) n-Nitrosodiphenylamine	15.83	169	638782	38.394 ng	99
67) 4-Bromophenyl-phenylether	16.52	248	240251	37.810 ng	97
68) Hexachlorobenzene	16.64	284	266117	38.868 ng	97
69) Atrazine	16.78	200	193926	35.859 ng	99
70) Pentachlorophenol	16.98	266	146977	38.942 ng	98
71) Phenanthrene	17.36	178	1123422	41.457 ng	98
72) Anthracene	17.46	178	1112076	41.525 ng	98
73) Carbazole	17.72	167	1052218	42.534 ng	97
74) Di-n-butylphthalate	18.29	149	1310551	41.493 ng	97
75) Fluoranthene	19.37	202	1290724	41.648 ng	97
77) Benzidine	19.55	184	477579	38.511 ng	98
78) Pyrene	19.73	202	1304023	40.492 ng	96
80) Butylbenzylphthalate	20.62	149	624218	40.713 ng	97
81) Benzo(a)anthracene	21.55	228	1258212	41.128 ng	97
82) 3,3'-Dichlorobenzidine	21.47	252	479591	39.681 ng	99
83) Chrysene	21.62	228	1210562	41.645 ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	863939	40.838 ng	98
85) Di-n-octyl phthalate	22.65	149	1471074	41.362 ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1528890	38.702 ng	99
88) Benzo(b)fluoranthene	23.70	252	1298411	39.392 ng	98
89) Benzo(k)fluoranthene	23.77	252	1293537	41.269 ng	99
90) Benzo(a)pyrene	24.54	252	1241696	39.913 ng	97
91) Dibenzo(a,h)anthracene	28.29	278	1235598	39.547 ng	98
92) Benzo(g,h,i)perylene	29.32	276	1220261	39.319 ng	98

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

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