Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\

Quantitation Report (QT Reviewed)

Data File : BG041036.D
Acq On : 3 Jun 2019 16:15
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 03 17:46:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	52240	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	224240	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	153681	20.00	ng		-0.01
64) Phenanthrene-d10	17.50	188	387761	20.00	ng		0.00
76) Chrysene-d12	21.77	240	394741	20.00	ng		-0.01
87) Perylene-d12	25.11	264	431486	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	237602	82.02	ng		0.00
7) Phenol-d6	7.26	99	350573	78.35	ng		0.00
23) Nitrobenzene-d5	9.30	82	406716	80.52	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	183825	80.57	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	903705	84.68	ng		-0.01
79) Terphenyl-d14	20.09	244	1561123	83.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	53167	40.443	ng		94
3) Pyridine	3.93	79	162096	41.670	ng		96
4) n-Nitrosodimethylamine	3.85	42	80087	44.361	ng		89
6) Aniline	7.44	93	237883	39.832	ng		99
8) 2-Chlorophenol	7.67	128	141350	40.926	ng		93
9) Benzaldehyde	7.26	77	110727	41.486	ng		96
10) Phenol	7.29	94	192340	40.094	ng		96
11) bis(2-Chloroethyl)ether	7.54	93	142382	40.913	ng		96
12) 1,3-Dichlorobenzene	8.01	146	173231	41.994	ng		98
13) 1,4-Dichlorobenzene	8.16	146	175253	41.971	ng		98
14) 1,2-Dichlorobenzene	8.47	146	166094	40.968	ng		100
15) Benzyl Alcohol	8.36	79	160046	38.670	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	229527	40.361	ng		99
17) 2-Methylphenol	8.55	107	129922	37.405	ng		97
18) Hexachloroethane	9.20	117	68625	42.642	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	134697	39.120	ng		99
20) 3+4-Methylphenols	8.88	107	181797	37.785	ng		99
22) Acetophenone	8.95	105	247845	39.401	ng	#	99
24) Nitrobenzene	9.34	77	204379	39.704	ng		97
25) Isophorone	9.85	82	368713	38.357	ng		99
26) 2-Nitrophenol	10.05	139	89196	42.032	ng		95
27) 2,4-Dimethylphenol	10.09	122	133646	38.133	ng		98
28) bis(2-Chloroethoxy)methane	10.34	93	201027	38.747	ng		97
29) 2,4-Dichlorophenol	10.58	162	167442	37.622	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	202844	40.064	ng		93
31) Naphthalene	10.99	128	472000	39.204	ng		99
32) Benzoic acid	10.22	122	98703	38.214	ng		99
33) 4-Chloroaniline	11.10	127	210985	37.769	ng		97
34) Hexachlorobutadiene	11.26	225	158070	40.803	ng		96
35) Caprolactam	11.89	113	53484	36.391	ng	#	83
36) 4-Chloro-3-methylphenol	12.20	107	184919	36.381	ng		98
37) 2-Methylnaphthalene	12.59	142	353274	38.098	ng		96
38) 1-Methylnaphthalene	12.81	142	329551	37.715	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	261973	42.293	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	117410	39.867	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	162983	40.674	ng		97
44) 2,4,5-Trichlorophenol	13.26	196	170845	40.427	ng		100
46) 1,1'-Biphenyl	13.58	154	474612	41.721	ng		99
47) 2-Chloronaphthalene	13.64	162	410595	42.044	ng		99
48) 2-Nitroaniline	13.84	65	148619	42.420	ng		100
49) Acenaphthylene	14.48	152	602047	40.960	ng		99
50) Dimethylphthalate	14.20	163	525559	40.399	ng		98
51) 2,6-Dinitrotoluene	14.33	165	113665	40.524	ng		98
52) Acenaphthene	14.82	154	358682	40.283	ng		97
53) 3-Nitroaniline	14.66	138	117113	41.755	ng		99
54) 2,4-Dinitrophenol	14.86	184	43904	40.409	ng		92
55) Dibenzofuran	15.15	168	610533	40.750	ng		99
56) 4-Nitrophenol	14.95	139	80951	42.078	ng		95
57) 2,4-Dinitrotoluene	15.11	165	163648	41.303	ng	#	97
58) Fluorene	15.79	166	474494	39.767	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	168446	40.559	ng		98
60) Diethylphthalate	15.55	149	533116	40.156	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	309694	39.932	ng		94
62) 4-Nitroaniline	15.82	138	123655	41.644	ng		97
63) Azobenzene	16.08	77	485076	40.200	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	77109	39.059	ng		96
66) n-Nitrosodiphenylamine	16.00	169	435755	39.976	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	206382	39.439	ng		98
68) Hexachlorobenzene	16.79	284	217829	39.091	ng		98
69) Atrazine	16.93	200	180428	42.898	ng		97
70) Pentachlorophenol	17.13	266	106351	37.988	ng		96
71) Phenanthrene	17.54	178	831203	41.153	ng		100
72) Anthracene	17.63	178	831275	41.730	ng		99
73) Carbazole	17.90	167	719927	42.119	ng		99
74) Di-n-butylphthalate	18.43	149	878466	41.351	ng		98
75) Fluoranthene	19.54	202	1058611	42.433	ng		99
77) Benzidine	19.72	184	380778	40.437	ng		97
78) Pyrene	19.90	202	1074046	41.856	ng		99
80) Butylbenzylphthalate	20.77	149	411917	41.249	ng		98
81) Benzo(a)anthracene	21.76	228	1073766	40.864	ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	373798	40.445	ng		100
83) Chrysene	21.82	228	1033740	41.110	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	561715	39.958	ng		99
85) Di-n-octyl phthalate	22.87	149	939298	40.120	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1179192	38.282	ng		100
88) Benzo(b)fluoranthene	24.04	252	1051322	40.171	ng		99
89) Benzo(k)fluoranthene	24.11	252	1034038	39.927	ng		98
90) Benzo(a)pyrene	24.96	252	998039	39.971	ng		95
91) Dibenzo(a,h)anthracene	29.02	278	950715	38.106	ng		99
92) Benzo(g,h,i)perylene	30.16	276	932402	38.467	ng		100

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

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