Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
Data File : BG041742.D
Acq On : 22 Jul 2019 10:14
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 22 15:04:27 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	116154	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	511016	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	326559	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	780326	20.00	ng		-0.01
76) Chrysene-d12	21.65	240	721610	20.00	ng		-0.01
87) Perylene-d12	24.84	264	847042	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	512748	72.16	ng		0.00
7) Phenol-d6	7.20	99	700375	73.28	ng		0.00
23) Nitrobenzene-d5	9.20	82	635885	75.68	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	305006	82.88	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1540464	73.05	ng		0.00
79) Terphenyl-d14	20.00	244	2286989	74.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	117471	34.810	ng		95
3) Pyridine	3.89	79	331922	36.847	ng		93
4) n-Nitrosodimethylamine	3.81	42	136181	32.736	ng		94
6) Aniline	7.37	93	469076	36.520	ng		97
8) 2-Chlorophenol	7.61	128	296869	36.906	ng		98
9) Benzaldehyde	7.18	77	216015	35.665	ng		98
10) Phenol	7.22	94	367989	36.547	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	298533	36.711	ng		98
12) 1,3-Dichlorobenzene	7.94	146	356540	37.147	ng		99
13) 1,4-Dichlorobenzene	8.08	146	351568	36.576	ng		99
14) 1,2-Dichlorobenzene	8.40	146	341027	37.631	ng		96
15) Benzyl Alcohol	8.28	79	268655	35.310	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	566037	33.592	ng		98
17) 2-Methylphenol	8.48	107	253137	36.353	ng		98
18) Hexachloroethane	9.13	117	128461	36.489	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	248522	35.578	ng		94
20) 3+4-Methylphenols	8.81	107	361532	37.887	ng		98
22) Acetophenone	8.86	105	451982	36.315	ng	#	93
24) Nitrobenzene	9.25	77	338946	36.977	ng		98
25) Isophorone	9.77	82	660027	35.871	ng		99
26) 2-Nitrophenol	9.96	139	160887	39.204	ng		99
27) 2,4-Dimethylphenol	10.02	122	261379	35.903	ng		100
28) bis(2-Chloroethoxy)methane	10.25	93	412171	36.345	ng		100
29) 2,4-Dichlorophenol	10.49	162	315537	38.015	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	367085	37.666	ng		99
31) Naphthalene	10.90	128	932964	37.084	ng		98
32) Benzoic acid	10.14	122	190110	36.102	ng		98
33) 4-Chloroaniline	11.00	127	433708	37.373	ng		98
34) Hexachlorobutadiene	11.20	225	239001	38.155	ng		99
35) Caprolactam	11.76	113	115281	37.786	ng	#	88
36) 4-Chloro-3-methylphenol	12.11	107	324827	37.356	ng		97
37) 2-Methylnaphthalene	12.50	142	722701	37.599	ng		99
38) 1-Methylnaphthalene	12.72	142	690659	37.691	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	416243	37.211	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	230151	36.373	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	278788	38.358	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	294937	38.515	ng		94
46) 1,1'-Biphenyl	13.50	154	893686	36.529	ng		99
47) 2-Chloronaphthalene	13.55	162	751905	36.876	ng		98
48) 2-Nitroaniline	13.73	65	228850	38.549	ng		92
49) Acenaphthylene	14.39	152	1176791	36.970	ng		99
50) Dimethylphthalate	14.12	163	962798	37.540	ng		99
51) 2,6-Dinitrotoluene	14.23	165	222431	40.887	ng		91
52) Acenaphthene	14.73	154	750211	37.400	ng		99
53) 3-Nitroaniline	14.55	138	234277	39.450	ng	#	97
54) 2,4-Dinitrophenol	14.76	184	98921	40.232	ng		95
55) Dibenzofuran	15.06	168	1131902	37.604	ng		97
56) 4-Nitrophenol	14.85	139	190907	39.706	ng		93
57) 2,4-Dinitrotoluene	15.01	165	307016	42.693	ng		97
58) Fluorene	15.71	166	915141	37.365	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	285849	40.434	ng		96
60) Diethylphthalate	15.47	149	961411	37.209	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	526673	38.041	ng		99
62) 4-Nitroaniline	15.71	138	251494	39.930	ng		96
63) Azobenzene	15.99	77	835508	35.767	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	146878	40.811	ng		93
66) n-Nitrosodiphenylamine	15.91	169	839690	36.643	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	355592	38.298	ng		99
68) Hexachlorobenzene	16.71	284	358532	38.347	ng		94
69) Atrazine	16.85	200	299358	35.998	ng		99
70) Pentachlorophenol	17.05	266	231064	39.525	ng		97
71) Phenanthrene	17.44	178	1472513	37.471	ng		97
72) Anthracene	17.53	178	1474952	37.654	ng		98
73) Carbazole	17.79	167	1365516	37.588	ng		97
74) Di-n-butylphthalate	18.36	149	1589306	35.869	ng		98
75) Fluoranthene	19.44	202	1755063	36.372	ng		96
77) Benzidine	19.62	184	903233	34.253	ng		99
78) Pyrene	19.80	202	1768399	36.234	ng		97
80) Butylbenzylphthalate	20.69	149	746465	36.807	ng		95
81) Benzo(a)anthracene	21.63	228	1742041	37.364	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	680041	37.066	ng		97
83) Chrysene	21.70	228	1680670	37.725	ng		97
84) Bis(2-ethylhexyl)phthalate	21.55	149	1027729	35.891	ng		98
85) Di-n-octyl phthalate	22.75	149	1764173	36.178	ng		95
86) Indeno(1,2,3-cd)pyrene	28.48	276	2164127	36.815	ng	#	93
88) Benzo(b)fluoranthene	23.83	252	1900616	36.992	ng		99
89) Benzo(k)fluoranthene	23.90	252	1761941	37.009	ng		98
90) Benzo(a)pyrene	24.69	252	1780761	36.632	ng		98
91) Dibenzo(a,h)anthracene	28.55	278	1747326	37.072	ng		98
92) Benzo(g,h,i)perylene	29.62	276	1741284	36.865	ng		98

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

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