Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041648.D
Acq On : 15 Jul 2019 13:00
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jul 15 13:38:05 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 11:42:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	90065	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	403080	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	242075	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	559846	20.00	ng		0.00
76) Chrysene-d12	21.66	240	515909	20.00	ng		0.00
87) Perylene-d12	24.85	264	601946	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	464590	86.56	ng		0.00
7) Phenol-d6	7.20	99	624434	85.88	ng		0.00
23) Nitrobenzene-d5	9.21	82	556852	84.19	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	229245	82.81	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1310742	85.13	ng		0.00
79) Terphenyl-d14	20.01	244	1911620	90.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	107567	44.170	ng		99
3) Pyridine	3.90	79	299697	47.482	ng		99
4) n-Nitrosodimethylamine	3.81	42	137758	42.859	ng		94
6) Aniline	7.37	93	414021	41.550	ng		98
8) 2-Chlorophenol	7.61	128	260213	43.335	ng		98
9) Benzaldehyde	7.19	77	193683	48.270	ng		95
10) Phenol	7.23	94	330280	43.748	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	264132	42.825	ng		99
12) 1,3-Dichlorobenzene	7.94	146	310307	42.325	ng		99
13) 1,4-Dichlorobenzene	8.09	146	312336	42.700	ng		97
14) 1,2-Dichlorobenzene	8.41	146	292843	42.099	ng		96
15) Benzyl Alcohol	8.28	79	248591	42.181	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	547851	41.350	ng		99
17) 2-Methylphenol	8.48	107	227322	42.267	ng		99
18) Hexachloroethane	9.14	117	114407	42.072	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	227567	42.614	ng		99
20) 3+4-Methylphenols	8.81	107	310123	41.885	ng		99
22) Acetophenone	8.87	105	395141	39.616	ng	#	96
24) Nitrobenzene	9.25	77	303214	43.897	ng		96
25) Isophorone	9.78	82	587002	40.757	ng		98
26) 2-Nitrophenol	9.97	139	136777	44.979	ng		97
27) 2,4-Dimethylphenol	10.02	122	234220	40.878	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	365052	40.847	ng		98
29) 2,4-Dichlorophenol	10.50	162	268616	40.522	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	309961	40.125	ng		97
31) Naphthalene	10.91	128	812137	41.259	ng		99
32) Benzoic acid	10.14	122	175857	41.773	ng		97
33) 4-Chloroaniline	11.01	127	369833	39.093	ng		98
34) Hexachlorobutadiene	11.20	225	200878	40.182	ng		99
35) Caprolactam	11.77	113	97193	38.459	ng		93
36) 4-Chloro-3-methylphenol	12.12	107	278778	40.465	ng		99
37) 2-Methylnaphthalene	12.51	142	619666	41.204	ng		98
38) 1-Methylnaphthalene	12.73	142	584649	40.958	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	343057	41.825	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	192577	38.318	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	226467	42.055	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	238660	43.397	ng		94
46) 1,1'-Biphenyl	13.51	154	754425	42.175	ng		98
47) 2-Chloronaphthalene	13.55	162	623641	41.862	ng		99
48) 2-Nitroaniline	13.74	65	192600	46.711	ng		99
49) Acenaphthylene	14.40	152	990706	43.666	ng		98
50) Dimethylphthalate	14.12	163	788534	41.573	ng		99
51) 2,6-Dinitrotoluene	14.23	165	174438	46.103	ng		98
52) Acenaphthene	14.74	154	614294	42.236	ng		99
53) 3-Nitroaniline	14.56	138	187458	44.193	ng		94
54) 2,4-Dinitrophenol	14.76	184	74381	43.545	ng	#	86
55) Dibenzofuran	15.07	168	932187	42.786	ng		97
56) 4-Nitrophenol	14.85	139	155965	46.213	ng		97
57) 2,4-Dinitrotoluene	15.02	165	237195	47.659	ng		98
58) Fluorene	15.71	166	753117	42.631	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	221838	42.842	ng		99
60) Diethylphthalate	15.49	149	790542	41.223	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	425301	42.014	ng		99
62) 4-Nitroaniline	15.72	138	197994	43.985	ng		98
63) Azobenzene	16.00	77	711312	42.133	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	107163	44.095	ng		98
66) n-Nitrosodiphenylamine	15.92	169	681768	40.231	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	274105	39.607	ng		97
68) Hexachlorobenzene	16.72	284	275559	39.367	ng		98
69) Atrazine	16.86	200	241788	47.693	ng		98
70) Pentachlorophenol	17.05	266	182009	41.867	ng		97
71) Phenanthrene	17.45	178	1192864	40.774	ng		96
72) Anthracene	17.54	178	1192416	38.971	ng		96
73) Carbazole	17.80	167	1099244	38.973	ng		96
74) Di-n-butylphthalate	18.37	149	1328643	38.398	ng		96
75) Fluoranthene	19.45	202	1435591	40.757	ng		95
77) Benzidine	19.62	184	694524	40.311	ng		98
78) Pyrene	19.81	202	1434860	43.226	ng		93
80) Butylbenzylphthalate	20.70	149	617984	39.387	ng		96
81) Benzo(a)anthracene	21.64	228	1416240	39.675	ng		94
82) 3,3'-Dichlorobenzidine	21.55	252	541684	36.494	ng		99
83) Chrysene	21.70	228	1346231	42.368	ng		95
84) Bis(2-ethylhexyl)phthalate	21.57	149	858513	40.008	ng		96
85) Di-n-octyl phthalate	22.79	149	1501545	40.318	ng		98
86) Indeno(1,2,3-cd)pyrene	28.50	276	1735042	40.196	ng	#	93
88) Benzo(b)fluoranthene	23.84	252	1523344	42.627	ng		97
89) Benzo(k)fluoranthene	23.91	252	1436210	42.170	ng		97
90) Benzo(a)pyrene	24.71	252	1449604	42.327	ng		98
91) Dibenzo(a,h)anthracene	28.58	278	1390280	41.803	ng		98
92) Benzo(g,h,i)perylene	29.64	276	1381539	41.645	ng		98

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

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