Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041645.D
Acq On : 15 Jul 2019 11:04
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Jul 15 11:53:16 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	111481	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	482824	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	294147	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	672364	20.00	ng	0.00
76) Chrysene-d12	21.66	240	611662	20.00	ng	0.00
87) Perylene-d12	24.86	264	718461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	806081	121.34	ng	0.00
7) Phenol-d6	7.21	99	1081652	120.18	ng	0.00
23) Nitrobenzene-d5	9.21	82	967202	122.08	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	401832	119.46	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	2078853	111.11	ng	0.00
79) Terphenyl-d14	20.02	244	2754182	110.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	190821	63.304	ng	99
3) Pyridine	3.90	79	503191	64.407	ng	98
4) n-Nitrosodimethylamine	3.81	42	247709	62.261	ng	96
6) Aniline	7.37	93	733119	59.440	ng	99
8) 2-Chlorophenol	7.62	128	460047	61.897	ng	99
9) Benzaldehyde	7.18	77	289200	58.229	ng	95
10) Phenol	7.23	94	571623	61.170	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	466111	61.055	ng	99
12) 1,3-Dichlorobenzene	7.94	146	546589	60.231	ng	99
13) 1,4-Dichlorobenzene	8.09	146	544092	60.095	ng	99
14) 1,2-Dichlorobenzene	8.41	146	512572	59.531	ng	96
15) Benzyl Alcohol	8.29	79	439925	60.307	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	965922	58.900	ng	99
17) 2-Methylphenol	8.48	107	401492	60.310	ng	98
18) Hexachloroethane	9.15	117	201802	59.954	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	394932	59.747	ng	100
20) 3+4-Methylphenols	8.82	107	552738	60.311	ng	98
22) Acetophenone	8.88	105	682075	57.089	ng	99
24) Nitrobenzene	9.25	77	529771	64.029	ng	99
25) Isophorone	9.78	82	1013599	58.753	ng	99
26) 2-Nitrophenol	9.96	139	241437	66.284	ng	98
27) 2,4-Dimethylphenol	10.02	122	406125	59.174	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	627398	58.607	ng	99
29) 2,4-Dichlorophenol	10.50	162	472922	59.560	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	545021	58.901	ng	99
31) Naphthalene	10.91	128	1379187	58.494	ng	100
32) Benzoic acid	10.18	122	324467	64.344	ng	99
33) 4-Chloroaniline	11.01	127	651191	57.465	ng	98
34) Hexachlorobutadiene	11.20	225	352567	58.877	ng	98
35) Caprolactam	11.79	113	169999	56.158	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	484992	58.771	ng	99
37) 2-Methylnaphthalene	12.51	142	1056869	58.669	ng	98
38) 1-Methylnaphthalene	12.73	142	1000724	58.527	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	589478	59.146	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	353490	57.884	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	395993	60.518	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	409702	61.310	ng		97
46) 1,1'-Biphenyl	13.51	154	1255371	57.756	ng		98
47) 2-Chloronaphthalene	13.55	162	1062453	58.692	ng		99
48) 2-Nitroaniline	13.74	65	341074	68.077	ng		99
49) Acenaphthylene	14.39	152	1613608	58.531	ng		98
50) Dimethylphthalate	14.13	163	1313564	56.993	ng		99
51) 2,6-Dinitrotoluene	14.23	165	304462	66.222	ng		99
52) Acenaphthene	14.74	154	1054493	59.667	ng		100
53) 3-Nitroaniline	14.56	138	331197	64.256	ng		98
54) 2,4-Dinitrophenol	14.76	184	137531	66.261	ng		92
55) Dibenzofuran	15.07	168	1534636	57.968	ng		99
56) 4-Nitrophenol	14.86	139	270912	66.061	ng		97
57) 2,4-Dinitrotoluene	15.02	165	412726	68.248	ng		98
58) Fluorene	15.72	166	1239742	57.754	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	379637	60.337	ng		100
60) Diethylphthalate	15.49	149	1316581	56.500	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	714594	58.095	ng		98
62) 4-Nitroaniline	15.73	138	342080	62.541	ng		98
63) Azobenzene	16.00	77	1196700	58.336	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	193002	66.126	ng		97
66) n-Nitrosodiphenylamine	15.92	169	1147658	56.390	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	474558	57.097	ng		97
68) Hexachlorobenzene	16.72	284	476606	56.694	ng		99
69) Atrazine	16.86	200	363815	59.753	ng		99
70) Pentachlorophenol	17.05	266	313350	60.016	ng		99
71) Phenanthrene	17.45	178	1902401	54.145	ng		98
72) Anthracene	17.54	178	1897018	51.624	ng		98
73) Carbazole	17.80	167	1779534	52.534	ng		98
74) Di-n-butylphthalate	18.38	149	2040429	49.100	ng		99
75) Fluoranthene	19.45	202	2210968	52.266	ng		99
77) Benzidine	19.62	184	1130501	55.344	ng		99
78) Pyrene	19.81	202	2194789	55.769	ng		99
80) Butylbenzylphthalate	20.70	149	1016359	54.637	ng		97
81) Benzo(a)anthracene	21.64	228	2247257	53.100	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	924334	52.525	ng		100
83) Chrysene	21.71	228	2150318	57.080	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1399237	54.999	ng		99
85) Di-n-octyl phthalate	22.78	149	2412208	54.630	ng		99
86) Indeno(1,2,3-cd)pyrene	28.52	276	2980536	58.241	ng	#	94
88) Benzo(b)fluoranthene	23.85	252	2558299	59.978	ng		99
89) Benzo(k)fluoranthene	23.92	252	2295457	56.469	ng		98
90) Benzo(a)pyrene	24.72	252	2409737	58.951	ng		100
91) Dibenzo(a,h)anthracene	28.59	278	2359762	59.447	ng		100
92) Benzo(g,h,i)perylene	29.67	276	2377514	60.045	ng		99

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

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