Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041644.D
Acq On : 15 Jul 2019 10:26
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Jul 15 11:52:48 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	94314	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	407466	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	250177	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	587712	20.00	ng	0.00
76) Chrysene-d12	21.66	240	528458	20.00	ng	0.00
87) Perylene-d12	24.86	264	618746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	581207	103.41	ng	0.00
7) Phenol-d6	7.20	99	774288	101.69	ng	0.00
23) Nitrobenzene-d5	9.21	82	673125	100.68	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	283796	99.20	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1580234	99.30	ng	0.00
79) Terphenyl-d14	20.01	244	2216997	102.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	133858	52.490	ng	99
3) Pyridine	3.90	79	380980	57.640	ng	97
4) n-Nitrosodimethylamine	3.81	42	167222	49.681	ng	100
6) Aniline	7.37	93	522950	50.117	ng	99
8) 2-Chlorophenol	7.61	128	326427	51.913	ng	99
9) Benzaldehyde	7.18	77	217905	51.860	ng	96
10) Phenol	7.23	94	406893	51.467	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	325138	50.341	ng	99
12) 1,3-Dichlorobenzene	7.94	146	390439	50.856	ng	98
13) 1,4-Dichlorobenzene	8.09	146	389534	50.855	ng	98
14) 1,2-Dichlorobenzene	8.41	146	365897	50.231	ng	96
15) Benzyl Alcohol	8.28	79	310105	50.249	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	678740	48.922	ng	99
17) 2-Methylphenol	8.48	107	279725	49.667	ng	98
18) Hexachloroethane	9.14	117	143714	50.468	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	283367	50.672	ng	98
20) 3+4-Methylphenols	8.81	107	386232	49.814	ng	98
22) Acetophenone	8.87	105	493630	48.958	ng	98
24) Nitrobenzene	9.25	77	368719	52.806	ng	97
25) Isophorone	9.78	82	734789	50.469	ng	99
26) 2-Nitrophenol	9.96	139	163384	53.151	ng	98
27) 2,4-Dimethylphenol	10.02	122	286447	49.455	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	450368	49.851	ng	99
29) 2,4-Dichlorophenol	10.50	162	334911	49.979	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	387346	49.603	ng	98
31) Naphthalene	10.91	128	1006844	50.600	ng	99
32) Benzoic acid	10.16	122	212953	50.040	ng	94
33) 4-Chloroaniline	11.00	127	462910	48.405	ng	99
34) Hexachlorobutadiene	11.20	225	247283	48.932	ng	100
35) Caprolactam	11.77	113	121889	47.712	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	345439	49.601	ng	98
37) 2-Methylnaphthalene	12.51	142	767165	50.463	ng	99
38) 1-Methylnaphthalene	12.73	142	730335	50.613	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	424362	50.062	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	244095	46.996	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	281210	50.529	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	295627	52.015	ng		96
46) 1,1'-Biphenyl	13.51	154	927079	50.149	ng		99
47) 2-Chloronaphthalene	13.55	162	773826	50.261	ng		100
48) 2-Nitroaniline	13.74	65	231540	54.337	ng		96
49) Acenaphthylene	14.39	152	1204305	51.362	ng		99
50) Dimethylphthalate	14.13	163	974695	49.723	ng		100
51) 2,6-Dinitrotoluene	14.23	165	210004	53.705	ng		98
52) Acenaphthene	14.73	154	762644	50.737	ng		100
53) 3-Nitroaniline	14.56	138	232447	53.024	ng		98
54) 2,4-Dinitrophenol	14.76	184	89576	50.742	ng		95
55) Dibenzofuran	15.07	168	1140427	50.649	ng		98
56) 4-Nitrophenol	14.85	139	189334	54.283	ng		98
57) 2,4-Dinitrotoluene	15.02	165	282496	54.923	ng		94
58) Fluorene	15.72	166	926597	50.752	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	274751	51.342	ng		99
60) Diethylphthalate	15.49	149	976622	49.277	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	521161	49.816	ng		98
62) 4-Nitroaniline	15.72	138	241943	52.007	ng		98
63) Azobenzene	16.00	77	885673	50.762	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	129817	50.884	ng		98
66) n-Nitrosodiphenylamine	15.92	169	846676	47.594	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	342626	47.161	ng		98
68) Hexachlorobenzene	16.72	284	346094	47.099	ng		98
69) Atrazine	16.86	200	283056	53.186	ng		98
70) Pentachlorophenol	17.05	266	220896	48.402	ng		99
71) Phenanthrene	17.45	178	1448912	47.178	ng		98
72) Anthracene	17.54	178	1453976	45.267	ng		98
73) Carbazole	17.80	167	1338933	45.220	ng		98
74) Di-n-butylphthalate	18.37	149	1601865	44.099	ng		98
75) Fluoranthene	19.45	202	1732402	46.851	ng		96
77) Benzidine	19.62	184	905104	51.286	ng		99
78) Pyrene	19.81	202	1726988	50.791	ng		97
80) Butylbenzylphthalate	20.70	149	750764	46.714	ng		95
81) Benzo(a)anthracene	21.64	228	1698790	46.461	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	678474	44.624	ng		99
83) Chrysene	21.71	228	1627846	50.014	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1051249	47.827	ng		97
85) Di-n-octyl phthalate	22.78	149	1821119	47.737	ng		98
86) Indeno(1,2,3-cd)pyrene	28.51	276	2153800	48.712	ng	#	93
88) Benzo(b)fluoranthene	23.85	252	1877754	51.117	ng		99
89) Benzo(k)fluoranthene	23.91	252	1735627	49.578	ng		98
90) Benzo(a)pyrene	24.71	252	1780212	50.569	ng		99
91) Dibenzo(a,h)anthracene	28.58	278	1728116	50.550	ng		99
92) Benzo(g,h,i)perylene	29.65	276	1732208	50.797	ng		100

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

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