Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
Data File : BG040580.D
Acq On : 23 Apr 2019 20:41
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
4/25/2019 6:32:17 PM

Quant Time: Apr 24 04:34:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 04:08:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42758	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	194595	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	131955	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	325065	20.00	ng		0.00
76) Chrysene-d12	21.83	240	348547	20.00	ng		0.00
87) Perylene-d12	25.21	264	351264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	292428	113.69	ng		0.00
7) Phenol-d6	7.29	99	454479	127.86	ng		0.00
23) Nitrobenzene-d5	9.34	82	513795	140.34	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	225105	157.85	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1098443	123.35	ng		0.00
79) Terphenyl-d14	20.13	244	1838198	118.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	63413	52.433	ng		96
3) Pyridine	3.97	79	200521m	61.580	ng		
4) n-Nitrosodimethylamine	3.88	42	109466	72.674	ng		99
6) Aniline	7.48	93	298486	64.633	ng		97
8) 2-Chlorophenol	7.72	128	177264	58.875	ng		95
9) Benzaldehyde	7.30	77	120333	49.352	ng		99
10) Phenol	7.32	94	244806	63.450	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	181428	58.711	ng		98
12) 1,3-Dichlorobenzene	8.05	146	193301	59.060	ng		98
13) 1,4-Dichlorobenzene	8.19	146	195860	60.083	ng		98
14) 1,2-Dichlorobenzene	8.52	146	185592	59.535	ng		99
15) Benzyl Alcohol	8.40	79	237320	82.901	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	361731	60.993	ng		97
17) 2-Methylphenol	8.59	107	173230	64.885	ng		92
18) Hexachloroethane	9.25	117	78906	63.636	ng		98
19) n-Nitroso-di-n-propylamine	8.98	70	204178	80.115	ng		98
20) 3+4-Methylphenols	8.92	107	239891	66.327	ng		97
22) Acetophenone	8.99	105	322170	66.370	ng	#	97
24) Nitrobenzene	9.39	77	271419	71.594	ng		97
25) Isophorone	9.90	82	551888	73.265	ng		99
26) 2-Nitrophenol	10.09	139	98951	55.084	ng		95
27) 2,4-Dimethylphenol	10.13	122	176764	61.949	ng		98
28) bis(2-Chloroethoxy)methane	10.39	93	271831	60.995	ng		99
29) 2,4-Dichlorophenol	10.62	162	204909	66.160	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	225016	66.165	ng		99
31) Naphthalene	11.04	128	609271	61.083	ng		99
32) Benzoic acid	10.29	122	123934	71.887	ng		95
33) 4-Chloroaniline	11.14	127	269146	63.260	ng		98
34) Hexachlorobutadiene	11.30	225	167356	76.946	ng		95
35) Caprolactam	11.95	113	79920	65.024	ng		96
36) 4-Chloro-3-methylphenol	12.24	107	255666	71.804	ng		98
37) 2-Methylnaphthalene	12.63	142	458365	62.135	ng		99
38) 1-Methylnaphthalene	12.85	142	448336	62.675	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	301448	71.876	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	176752	76.755 ng	99
43) 2,4,6-Trichlorophenol	13.22	196	181117	66.981 ng	98
44) 2,4,5-Trichlorophenol	13.29	196	197403	66.978 ng	98
46) 1,1'-Biphenyl	13.63	154	621293	59.590 ng	97
47) 2-Chloronaphthalene	13.68	162	486224	60.797 ng	98
48) 2-Nitroaniline	13.88	65	188062	69.714 ng	98
49) Acenaphthylene	14.52	152	815564	60.146 ng	99
50) Dimethylphthalate	14.25	163	663627	64.259 ng	99
51) 2,6-Dinitrotoluene	14.37	165	137180	59.158 ng	98
52) Acenaphthene	14.86	154	476721	61.355 ng	96
53) 3-Nitroaniline	14.70	138	141715	57.735 ng	92
54) 2,4-Dinitrophenol	14.90	184	69602	56.439 ng	90
55) Dibenzofuran	15.19	168	787938	63.110 ng	99
56) 4-Nitrophenol	14.98	139	122104	61.636 ng	96
57) 2,4-Dinitrotoluene	15.15	165	190889	59.244 ng	97
58) Fluorene	15.84	166	630978	64.281 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	199298m	74.517 ng	
60) Diethylphthalate	15.60	149	696821	65.938 ng	99
61) 4-Chlorophenyl-phenylether	15.83	204	366295	69.811 ng	99
62) 4-Nitroaniline	15.87	138	155510	59.036 ng	97
63) Azobenzene	16.12	77	723292	72.560 ng	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	98691	54.040 ng	94
66) n-Nitrosodiphenylamine	16.04	169	576186	60.573 ng	100
67) 4-Bromophenyl-phenylether	16.72	248	248750	68.000 ng	97
68) Hexachlorobenzene	16.83	284	251732	68.441 ng	96
69) Atrazine	16.98	200	215471	60.893 ng	97
70) Pentachlorophenol	17.17	266	156955	73.811 ng	99
71) Phenanthrene	17.58	178	1040135	60.876 ng	98
72) Anthracene	17.67	178	1049150	61.348 ng	98
73) Carbazole	17.94	167	951979	58.819 ng	99
74) Di-n-butylphthalate	18.48	149	1134779	59.150 ng	99
75) Fluoranthene	19.58	202	1287436	63.634 ng	99
77) Benzidine	19.76	184	430494	34.203 ng	99
78) Pyrene	19.94	202	1290127	56.286 ng	96
80) Butylbenzylphthalate	20.82	149	507990	51.793 ng	99
81) Benzo(a)anthracene	21.81	228	1301613	60.629 ng	98
82) 3,3'-Dichlorobenzidine	21.72	252	456737	55.926 ng	100
83) Chrysene	21.88	228	1240956	60.145 ng	99
84) Bis(2-ethylhexyl)phthalate	21.70	149	730264	52.086 ng	98
85) Di-n-octyl phthalate	22.97	149	1229069	51.453 ng	99
86) Indeno(1,2,3-cd)pyrene	29.12	276	1515093	60.039 ng	98
88) Benzo(b)fluoranthene	24.13	252	1274901	59.282 ng	100
89) Benzo(k)fluoranthene	24.20	252	1204953	60.927 ng	98
90) Benzo(a)pyrene	25.06	252	1215630	60.245 ng	100
91) Dibenzo(a,h)anthracene	29.19	278	1228496	65.553 ng	98
92) Benzo(g,h,i)perylene	30.35	276	1229698	63.849 ng	97

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

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