Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070620\
Data File : BG045950.D
Acq On : 6 Jul 2020 21:42
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
7/7/2020 12:03:36 PM

Quant Time: Jul 07 09:57:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 00:57:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	137789	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	488148	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	284579	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	596871	20.00	ng		0.00
76) Chrysene-d12	21.64	240	538582	20.00	ng		0.00
86) Perylene-d12	24.79	264	608400	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1238850	151.88	ng		0.00
7) Phenol-d6	7.18	99	1753540	141.33	ng		0.01
23) Nitrobenzene-d5	9.17	82	1476729	138.20	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	441654	102.80	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2617595	135.17	ng		0.00
79) Terphenyl-d14	19.99	244	3133217	117.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	314950	84.304	ng		99
3) Pyridine	3.90	79	922051m	83.288	ng		
4) n-Nitrosodimethylamine	3.82	42	325539	87.604	ng		99
6) Aniline	7.34	93	1144723	78.356	ng		100
8) 2-Chlorophenol	7.58	128	667755	76.481	ng		97
10) Phenol	7.20	94	892092	74.206	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	751585	82.308	ng		100
12) 1,3-Dichlorobenzene	7.90	146	774926	74.478	ng		97
13) 1,4-Dichlorobenzene	8.05	146	771958	74.278	ng		97
14) 1,2-Dichlorobenzene	8.37	146	727333	73.102	ng		97
15) Benzyl Alcohol	8.25	79	709772	73.923	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	991821	115.248	ng		98
17) 2-Methylphenol	8.45	107	673206	75.246	ng		97
18) Hexachloroethane	9.10	117	297613	75.399	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	622946	76.369	ng		98
20) 3+4-Methylphenols	8.78	107	904999	76.914	ng		98
22) Acetophenone	8.83	105	1013042	75.610	ng	#	97
24) Nitrobenzene	9.21	77	826849	72.574	ng		99
25) Isophorone	9.74	82	1599989	77.346	ng		98
26) 2-Nitrophenol	9.91	139	297815	62.743	ng		99
27) 2,4-Dimethylphenol	9.98	122	578411	79.816	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	903947	83.657	ng		100
29) 2,4-Dichlorophenol	10.45	162	611622	72.339	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	670436	66.981	ng		99
31) Naphthalene	10.86	128	1962960	73.553	ng		96
32) Benzoic acid	10.16	122	383827	92.631	ng		96
33) 4-Chloroaniline	10.96	127	907624	81.212	ng		97
34) Hexachlorobutadiene	11.16	225	394812	55.463	ng		99
35) Caprolactam	11.75	113	222856m	81.452	ng		
36) 4-Chloro-3-methylphenol	12.08	107	683999	70.067	ng		98
37) 2-Methylnaphthalene	12.46	142	1412851	71.095	ng		99
38) 1-Methylnaphthalene	12.68	142	1328281	70.631	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	638695	68.160	ng		99
41) Hexachlorocyclopentadiene	12.82	237	396895	93.337	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.06	196	445608	70.139 ng	99
44) 2,4,5-Trichlorophenol	13.14	196	499972	69.049 ng	99
46) 1,1'-Biphenyl	13.47	154	1631313	80.067 ng	98
47) 2-Chloronaphthalene	13.51	162	1295400	78.710 ng	96
49) Acenaphthylene	14.36	152	2025163	76.823 ng	96
50) Dimethylphthalate	14.10	163	1595319	71.559 ng	98
52) Acenaphthene	14.70	154	1348938	84.419 ng	99
55) Dibenzofuran	15.03	168	1863798	71.800 ng	95
56) 4-Nitrophenol	14.83	139	325964	101.152 ng	98
58) Fluorene	15.68	166	1511844	70.042 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	391256m	62.257 ng	
60) Diethylphthalate	15.47	149	1670469	73.297 ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	773489	62.174 ng	97
62) 4-Nitroaniline	15.69	138	410175	79.909 ng	100
63) Azobenzene	15.97	77	1817143	83.039 ng	96
66) n-Nitrosodiphenylamine	15.89	169	1369743	81.022 ng	97
67) 4-Bromophenyl-phenylether	16.57	248	515632	66.486 ng	99
68) Hexachlorobenzene	16.69	284	510256	63.448 ng	97
69) Atrazine	16.84	200	353308	53.857 ng	97
70) Pentachlorophenol	17.02	266	311917	94.479 ng	100
71) Phenanthrene	17.42	178	2265465	73.594 ng	94
72) Anthracene	17.51	178	2291081	74.741 ng	95
73) Carbazole	17.77	167	2313578	79.266 ng	96
74) Di-n-butylphthalate	18.35	149	2651605	76.726 ng	96
75) Fluoranthene	19.43	202	2573201	67.979 ng	94
77) Benzidine	19.60	184	1123145	80.216 ng	98
78) Pyrene	19.78	202	2603903	72.199 ng	94
80) Butylbenzylphthalate	20.69	149	1353712	89.674 ng	97
81) Benzo(a)anthracene	21.62	228	2588133	74.120 ng	94
82) 3,3'-Dichlorobenzidine	21.53	252	976952	73.966 ng	99
83) Chrysene	21.69	228	2460893	72.864 ng	92
84) Bis(2-ethylhexyl)phthalate	21.56	149	1854814	88.333 ng	95
85) Di-n-octyl phthalate	22.77	149	3191378	88.111 ng	97
87) Indeno(1,2,3-cd)pyrene	28.41	276	3479040	78.878 ng	99
88) Benzo(b)fluoranthene	23.81	252	2818095	73.876 ng	96
89) Benzo(k)fluoranthene	23.88	252	2698455	73.912 ng	97
90) Benzo(a)pyrene	24.66	252	2689044	75.463 ng	98
91) Dibenzo(a,h)anthracene	28.48	278	2736726	77.376 ng	98
92) Benzo(g,h,i)perylene	29.53	276	2786074	78.699 ng	99

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

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