Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041272.D
Acq On : 17 Jun 2019 13:04
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Jun 17 14:56:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 13:41:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34359	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	138563	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	100100	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	258417	20.00	ng		0.00
76) Chrysene-d12	21.74	240	264696	20.00	ng		0.00
87) Perylene-d12	25.05	264	282030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	303327	162.67	ng		0.00
7) Phenol-d6	7.24	99	438724	153.91	ng		0.00
23) Nitrobenzene-d5	9.27	82	530792	166.25	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	244070	176.26	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	1143165	151.16	ng		0.00
79) Terphenyl-d14	20.06	244	1971527	146.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	69968	90.008	ng		97
3) Pyridine	3.89	79	191433	84.295	ng		97
4) n-Nitrosodimethylamine	3.81	42	109503	92.689	ng	#	98
6) Aniline	7.41	93	298268	80.210	ng		96
8) 2-Chlorophenol	7.65	128	174973	75.841	ng		98
9) Benzaldehyde	7.22	77	114991	63.431	ng		96
10) Phenol	7.27	94	236298	77.200	ng		97
11) bis(2-Chloroethyl)ether	7.50	93	176301	78.640	ng		97
12) 1,3-Dichlorobenzene	7.97	146	219903	79.315	ng		94
13) 1,4-Dichlorobenzene	8.12	146	222778	79.006	ng		95
14) 1,2-Dichlorobenzene	8.44	146	211607	78.339	ng		97
15) Benzyl Alcohol	8.33	79	212875	81.134	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	280812	78.264	ng		99
17) 2-Methylphenol	8.52	107	169201	76.518	ng		96
18) Hexachloroethane	9.16	117	89465	80.971	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	175420	80.399	ng		96
20) 3+4-Methylphenols	8.86	107	226780	74.508	ng		93
22) Acetophenone	8.92	105	322460	84.089	ng	#	98
24) Nitrobenzene	9.31	77	266273	83.181	ng		98
25) Isophorone	9.83	82	487137	86.561	ng		99
26) 2-Nitrophenol	10.02	139	112466	83.026	ng		98
27) 2,4-Dimethylphenol	10.06	122	159666	77.540	ng		100
28) bis(2-Chloroethoxy)methane	10.30	93	253307	83.146	ng		100
29) 2,4-Dichlorophenol	10.55	162	207228	78.622	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	256557	80.616	ng		96
31) Naphthalene	10.96	128	599990	81.672	ng		99
33) 4-Chloroaniline	11.07	127	264079	82.312	ng		95
34) Hexachlorobutadiene	11.21	225	199335	81.298	ng		98
35) Caprolactam	11.89	113	68835	91.518	ng	#	87
36) 4-Chloro-3-methylphenol	12.18	107	236554	84.790	ng		98
37) 2-Methylnaphthalene	12.55	142	448046	81.316	ng		98
38) 1-Methylnaphthalene	12.77	142	423767	81.554	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	331679	76.154	ng		100
41) Hexachlorocyclopentadiene	12.88	237	226958	119.708	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.15	196	209487	79.935	ng	95
44) 2,4,5-Trichlorophenol	13.23	196	213266	81.389	ng	98
46) 1,1'-Biphenyl	13.55	154	598300	77.292	ng	98
47) 2-Chloronaphthalene	13.61	162	516617	76.451	ng	99
48) 2-Nitroaniline	13.82	65	188897	80.870	ng	92
49) Acenaphthylene	14.45	152	764787	78.876	ng	98
50) Dimethylphthalate	14.18	163	690755	81.871	ng	99
51) 2,6-Dinitrotoluene	14.30	165	148880	82.246	ng	94
52) Acenaphthene	14.79	154	457156	78.762	ng	96
53) 3-Nitroaniline	14.64	138	151452	86.589	ng	98
54) 2,4-Dinitrophenol	14.84	184	107861	300.494	ng	95
55) Dibenzofuran	15.12	168	783549	79.773	ng	99
56) 4-Nitrophenol	14.94	139	110076	117.846	ng	99
57) 2,4-Dinitrotoluene	15.09	165	217491	86.606	ng	96
58) Fluorene	15.77	166	619720	81.263	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	209636	87.216	ng	98
60) Diethylphthalate	15.52	149	701642	84.205	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	410283	82.158	ng	99
62) 4-Nitroaniline	15.81	138	163631	96.190	ng	97
63) Azobenzene	16.04	77	623171	82.982	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	141284	149.919	ng	99
66) n-Nitrosodiphenylamine	15.97	169	556899	77.481	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	269129	78.623	ng	99
68) Hexachlorobenzene	16.76	284	291411	78.299	ng	98
69) Atrazine	16.91	200	118246	51.712	ng	97
70) Pentachlorophenol	17.11	266	153037	118.724	ng	95
71) Phenanthrene	17.51	178	1077607	79.163	ng	99
72) Anthracene	17.60	178	1075867	79.739	ng	98
73) Carbazole	17.87	167	940165	81.603	ng	100
74) Di-n-butylphthalate	18.40	149	1157108	80.838	ng	99
75) Fluoranthene	19.51	202	1389737	80.287	ng	96
77) Benzidine	19.70	184	399526	97.218	ng	98
78) Pyrene	19.87	202	1384458	76.192	ng	95
80) Butylbenzylphthalate	20.74	149	543535	78.130	ng	95
81) Benzo(a)anthracene	21.72	228	1393142	79.591	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	499928	92.871	ng	98
83) Chrysene	21.79	228	1339365	77.415	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	746488	77.061	ng	99
85) Di-n-octyl phthalate	22.82	149	1259216	78.301	ng	99
86) Indeno(1,2,3-cd)pyrene	28.86	276	1669599	160.730	ng	99
88) Benzo(b)fluoranthene	23.99	252	1404835	81.532	ng	98
89) Benzo(k)fluoranthene	24.07	252	1377515	66.964	ng	98
90) Benzo(a)pyrene	24.90	252	1345317	80.145	ng	99
91) Dibenzo(a,h)anthracene	28.94	278	1343433	139.484	ng	97
92) Benzo(g,h,i)perylene	30.07	276	1328101	160.287	ng	96

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

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