Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\
Data File : BG041780.D
Acq On : 27 Jul 2019 17:02
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
7/29/2019 5:30:22 PM

Quant Time: Jul 29 12:48:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 05:48:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	84417	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	365878	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	272314	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	609035	20.00	ng		0.00
76) Chrysene-d12	21.75	240	589319	20.00	ng		0.00
87) Perylene-d12	25.02	264	694474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	685569	132.76	ng		0.00
7) Phenol-d6	7.20	99	932938	134.32	ng		0.00
23) Nitrobenzene-d5	9.22	82	883825	146.91	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	533593	173.87	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	2182911	124.13	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	154713	63.082	ng		93
3) Pyridine	3.87	79	444014	67.822	ng		92
4) n-Nitrosodimethylamine	3.78	42	181732	60.110	ng		94
6) Aniline	7.36	93	658047	70.493	ng		97
8) 2-Chlorophenol	7.61	128	400373	68.486	ng		95
9) Benzaldehyde	7.17	77	313742	78.130	ng		97
10) Phenol	7.23	94	484160	66.162	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	393332	66.553	ng		95
12) 1,3-Dichlorobenzene	7.94	146	508892	72.954	ng		99
13) 1,4-Dichlorobenzene	8.08	146	507417	72.637	ng		98
14) 1,2-Dichlorobenzene	8.41	146	483047	73.342	ng		97
15) Benzyl Alcohol	8.28	79	381333	68.962	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	697840	56.983	ng		96
17) 2-Methylphenol	8.48	107	357013	70.546	ng		99
18) Hexachloroethane	9.14	117	180428	70.517	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	343859	67.733	ng		91
20) 3+4-Methylphenols	8.82	107	497940	71.801	ng		99
22) Acetophenone	8.87	105	644236	72.295	ng		94
24) Nitrobenzene	9.26	77	460162	70.115	ng		97
25) Isophorone	9.79	82	910788	69.136	ng		98
26) 2-Nitrophenol	9.97	139	234367	82.549	ng		99
27) 2,4-Dimethylphenol	10.03	122	372742	71.510	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	562194	69.240	ng		99
29) 2,4-Dichlorophenol	10.51	162	467110	78.600	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	561921	80.530	ng		98
31) Naphthalene	10.92	128	1299767	72.158	ng		99
32) Benzoic acid	10.21	122	296101m	80.883	ng		
33) 4-Chloroaniline	11.02	127	633910	76.294	ng		98
34) Hexachlorobutadiene	11.22	225	377171	84.099	ng		99
35) Caprolactam	11.82	113	169564	77.627	ng	#	78
36) 4-Chloro-3-methylphenol	12.15	107	464346	74.584	ng		96
37) 2-Methylnaphthalene	12.53	142	1035306	75.230	ng		99
38) 1-Methylnaphthalene	12.75	142	981246	74.790	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	659330	70.685	ng		99

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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	12.88	237	406096	76.963	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	450686	74.361	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	469011	73.447	ng		96
46) 1,1'-Biphenyl	13.54	154	1303292	63.883	ng		99
47) 2-Chloronaphthalene	13.58	162	1132493	66.606	ng		98
48) 2-Nitroaniline	13.77	65	331102	66.883	ng		93
49) Acenaphthylene	14.43	152	1669492	62.897	ng		99
50) Dimethylphthalate	14.16	163	1427374	66.739	ng		98
51) 2,6-Dinitrotoluene	14.27	165	335957	74.057	ng		92
52) Acenaphthene	14.77	154	1124538	67.229	ng		99
53) 3-Nitroaniline	14.60	138	355788	71.845	ng	#	93
54) 2,4-Dinitrophenol	14.80	184	187064	95.405	ng		92
55) Dibenzofuran	15.11	168	1641819	65.410	ng		99
56) 4-Nitrophenol	14.90	139	276669	69.006	ng		97
57) 2,4-Dinitrotoluene	15.06	165	472889	78.858	ng		95
58) Fluorene	15.76	166	1336138	65.421	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	469897	79.708	ng		94
60) Diethylphthalate	15.52	149	1423211	66.055	ng		97
61) 4-Chlorophenyl-phenylether	15.75	204	825498	71.503	ng		98
62) 4-Nitroaniline	15.77	138	374600	71.324	ng		98
63) Azobenzene	16.04	77	1139825	58.515	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	259673	96.800	ng		87
66) n-Nitrosodiphenylamine	15.96	169	1252581	70.035	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	587370	81.053	ng		97
68) Hexachlorobenzene	16.76	284	613749	84.106	ng		96
69) Atrazine	16.91	200	510872	78.711	ng		98
70) Pentachlorophenol	17.10	266	392240	85.965	ng		98
71) Phenanthrene	17.50	178	2114955	68.956	ng		98
72) Anthracene	17.59	178	2114126	69.150	ng		98
73) Carbazole	17.86	167	1914050	67.505	ng		98
74) Di-n-butylphthalate	18.43	149	2181723	63.087	ng		99
75) Fluoranthene	19.51	202	2477633	65.787	ng		98
77) Benzidine	19.68	184	1419065	71.486	ng		96
78) Pyrene	19.87	202	2480171	62.226	ng		97
80) Butylbenzylphthalate	20.76	149	1081448	65.295	ng		92
81) Benzo(a)anthracene	21.72	228	2512242	65.979	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	1084694	72.393	ng		99
83) Chrysene	21.79	228	2409313	66.220	ng		96
84) Bis(2-ethylhexyl)phthalate	21.64	149	1448016	61.921	ng		98
85) Di-n-octyl phthalate	22.88	149	2462611	61.837	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.78	276	3533484	73.604	ng	#	90
88) Benzo(b)fluoranthene	23.98	252	2920344	69.326	ng		98
89) Benzo(k)fluoranthene	24.05	252	2721180	69.714	ng		97
90) Benzo(a)pyrene	24.87	252	2781965	69.800	ng		97
91) Dibenzo(a,h)anthracene	28.85	278	2799102	72.433	ng	#	97
92) Benzo(g,h,i)perylene	29.95	276	2825683	72.966	ng		95

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

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