Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043960.D
Acq On : 7 Jan 2020 18:53
Operator : JU
Sample : L1039-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 301-305MS

Manual Integrations APPROVED
mohammad
1/8/2020 4:26:13 PM

Quant Time: Jan 08 02:52:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	169325	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	699844	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	419910	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	763944	20.00	ng	0.00
76) Chrysene-d12	21.60	240	634806	20.00	ng	0.00
87) Perylene-d12	24.73	264	750091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	837167	90.78	ng	0.00
7) Phenol-d6	7.14	99	1134381	88.00	ng	0.01
23) Nitrobenzene-d5	9.12	82	681662	52.11	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	361530	82.27	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1424882	61.48	ng	0.00
79) Terphenyl-d14	19.95	244	1662812	57.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	169369	42.122	ng	99
3) Pyridine	3.83	79	438057	36.878	ng	99
4) n-Nitrosodimethylamine	3.75	42	232543	43.971	ng	94
6) Aniline	7.29	93	363511	21.470	ng	97
8) 2-Chlorophenol	7.53	128	540765	49.949	ng	99
9) Benzaldehyde	7.10	77	320040	38.792	ng	98
10) Phenol	7.16	94	673535	50.713	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	526395	45.916	ng	100
12) 1,3-Dichlorobenzene	7.85	146	587449	46.369	ng	98
13) 1,4-Dichlorobenzene	8.00	146	582111	46.568	ng	99
14) 1,2-Dichlorobenzene	8.32	146	556930	46.418	ng	99
15) Benzyl Alcohol	8.20	79	464427	45.651	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	755472	42.594	ng	99
17) 2-Methylphenol	8.41	107	465238	48.406	ng	100
18) Hexachloroethane	9.05	117	223600	45.970	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	405379	42.228	ng	97
20) 3+4-Methylphenols	8.74	107	632666	47.186	ng	99
22) Acetophenone	8.78	105	740945	42.586	ng	99
24) Nitrobenzene	9.16	77	582170	44.931	ng	98
25) Isophorone	9.69	82	1081473	44.063	ng	99
26) 2-Nitrophenol	9.87	139	314022	51.226	ng	98
27) 2,4-Dimethylphenol	9.94	122	479447	51.957	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	687116	41.993	ng	100
29) 2,4-Dichlorophenol	10.41	162	522553	47.474	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	556042	45.054	ng	99
31) Naphthalene	10.81	128	1558327	46.014	ng	98
32) Benzoic acid	10.10	122	348261	46.560	ng	94
33) 4-Chloroaniline	10.91	127	219280	13.575	ng	99
34) Hexachlorobutadiene	11.11	225	327759	43.497	ng	97
35) Caprolactam	11.70	113	192134m	46.890	ng	
36) 4-Chloro-3-methylphenol	12.05	107	544920	46.504	ng	99
37) 2-Methylnaphthalene	12.42	142	1163949	45.651	ng	98
38) 1-Methylnaphthalene	12.64	142	1096611	45.380	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	569634	46.283	ng	99

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Quant Time: Jan 08 02:52:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	330771	51.839	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	408263	48.209	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	431117	49.359	ng		99
46) 1,1'-Biphenyl	13.43	154	1405463	46.682	ng		99
47) 2-Chloronaphthalene	13.47	162	1113312	45.762	ng		100
48) 2-Nitroaniline	13.66	65	351669	44.938	ng		98
49) Acenaphthylene	14.32	152	1665218	47.622	ng		98
50) Dimethylphthalate	14.05	163	1384576	46.438	ng		99
51) 2,6-Dinitrotoluene	14.16	165	314047	46.602	ng		97
52) Acenaphthene	14.66	154	1153316	47.032	ng		99
53) 3-Nitroaniline	14.49	138	208935	27.302	ng		98
54) 2,4-Dinitrophenol	14.70	184	166328	50.610	ng		98
55) Dibenzofuran	15.00	168	1541478	45.664	ng		98
56) 4-Nitrophenol	14.81	139	590276	100.656	ng		99
57) 2,4-Dinitrotoluene	14.96	165	415609	45.324	ng		98
58) Fluorene	15.64	166	1202504	44.943	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	350065	46.610	ng		100
60) Diethylphthalate	15.42	149	1290959	43.290	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	621843	42.802	ng		99
62) 4-Nitroaniline	15.66	138	257443	34.066	ng		97
63) Azobenzene	15.93	77	1235151	44.661	ng		98
65) 4,6-Dinitro-2-methylphenol	15.72	198	122516	32.670	ng		95
66) n-Nitrosodiphenylamine	15.85	169	1112910	49.469	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	388180	45.179	ng		99
68) Hexachlorobenzene	16.65	284	413811	44.697	ng		97
69) Atrazine	16.80	200	413243	56.510	ng		98
70) Pentachlorophenol	17.00	266	503867	98.728	ng		98
71) Phenanthrene	17.38	178	1956782	53.402	ng		95
72) Anthracene	17.48	178	1808059	49.928	ng		97
73) Carbazole	17.74	167	1598404	47.784	ng		98
74) Di-n-butylphthalate	18.31	149	1862834	43.617	ng		99
75) Fluoranthene	19.39	202	1939623	46.285	ng		95
77) Benzidine	19.57	184	715921	44.868	ng		98
78) Pyrene	19.75	202	2064572	49.825	ng		96
80) Butylbenzylphthalate	20.64	149	927563	47.019	ng		99
81) Benzo(a)anthracene	21.58	228	1934741	49.152	ng		97
82) 3,3'-Dichlorobenzidine	21.49	252	300310	19.311	ng		99
83) Chrysene	21.64	228	1834896	49.059	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1318980	48.456	ng		97
85) Di-n-octyl phthalate	22.68	149	2235107	48.843	ng		99
86) Indeno(1,2,3-cd)pyrene	28.28	276	2357730	46.385	ng	#	90
88) Benzo(b)fluoranthene	23.74	252	2011222	45.356	ng		98
89) Benzo(k)fluoranthene	23.80	252	1983701	47.043	ng		97
90) Benzo(a)pyrene	24.58	252	1927715	46.060	ng		99
91) Dibenzo(a,h)anthracene	28.35	278	2018688	48.027	ng		99
92) Benzo(g,h,i)perylene	29.39	276	1873673	44.877	ng		99

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

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