Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042455.D
Acq On : 24 Aug 2019 7:02
Operator : HP/JU
Sample : K4477-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Manual Integrations APPROVED
Jagrut
8/26/2019 2:02:06 PM

Quant Time: Aug 26 05:15:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	67127	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	261505	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	180141	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	393800	20.00	ng	0.00
76) Chrysene-d12	21.69	240	391710	20.00	ng	0.00
87) Perylene-d12	24.94	264	462527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	481744	145.35	ng	0.00
7) Phenol-d6	7.17	99	658905	147.17	ng	0.00
23) Nitrobenzene-d5	9.17	82	375235	99.16	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	307455	120.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	942775	88.51	ng	0.00
79) Terphenyl-d14	20.03	244	1482446	81.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	53643	38.782	ng	95
3) Pyridine	3.82	79	138061	38.926	ng	97
4) n-Nitrosodimethylamine	3.73	42	57590	45.461	ng	97
6) Aniline	7.32	93	196559	32.917	ng	100
8) 2-Chlorophenol	7.57	128	186839	46.514	ng	97
9) Benzaldehyde	7.13	77	68638	30.623	ng	96
10) Phenol	7.20	94	218163	47.927	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	166104	46.463	ng	98
12) 1,3-Dichlorobenzene	7.89	146	213046	41.692	ng	98
13) 1,4-Dichlorobenzene	8.03	146	213142	41.179	ng	95
14) 1,2-Dichlorobenzene	8.36	146	205230	41.404	ng	99
15) Benzyl Alcohol	8.24	79	141682	43.987	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	221285	45.668	ng	99
17) 2-Methylphenol	8.45	107	153171	45.684	ng	93
18) Hexachloroethane	9.09	117	70881	40.001	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	123828	42.692	ng	98
20) 3+4-Methylphenols	8.79	107	210397	45.350	ng	97
22) Acetophenone	8.83	105	259148	46.333	ng	100
24) Nitrobenzene	9.22	77	183170	47.799	ng	99
25) Isophorone	9.74	82	339840	45.505	ng	97
26) 2-Nitrophenol	9.93	139	109206	45.476	ng	96
27) 2,4-Dimethylphenol	9.99	122	173645	52.493	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	217743	46.259	ng	99
29) 2,4-Dichlorophenol	10.47	162	204251	47.193	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	224719	42.301	ng	99
31) Naphthalene	10.87	128	558192	45.976	ng	99
32) Benzoic acid	10.16	122	96488	41.520	ng	98
33) 4-Chloroaniline	10.98	127	150643	26.878	ng	96
34) Hexachlorobutadiene	11.17	225	142703	39.970	ng	98
35) Caprolactam	11.76	113	63952m	44.283	ng	
36) 4-Chloro-3-methylphenol	12.12	107	190700	46.416	ng	99
37) 2-Methylnaphthalene	12.49	142	439201	45.052	ng	99
38) 1-Methylnaphthalene	12.71	142	409284	44.199	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	266284	46.030	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	142040	46.742	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	178007	45.523	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	188723	46.574	ng		96
46) 1,1'-Biphenyl	13.49	154	550401	47.267	ng		99
47) 2-Chloronaphthalene	13.54	162	452376	45.055	ng		98
48) 2-Nitroaniline	13.74	65	116679	48.190	ng		97
49) Acenaphthylene	14.39	152	711410	47.095	ng		99
50) Dimethylphthalate	14.12	163	722317	55.572	ng		100
51) 2,6-Dinitrotoluene	14.23	165	133304	44.246	ng		97
52) Acenaphthene	14.73	154	416377	45.394	ng		99
53) 3-Nitroaniline	14.56	138	108643	36.057	ng		96
54) 2,4-Dinitrophenol	14.78	184	64912	35.722	ng		98
55) Dibenzofuran	15.06	168	693374	45.668	ng		98
56) 4-Nitrophenol	14.89	139	236632	110.523	ng		98
57) 2,4-Dinitrotoluene	15.03	165	189834	44.001	ng		92
58) Fluorene	15.71	166	559010	45.040	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	184287m	45.988	ng		
60) Diethylphthalate	15.48	149	547528	43.092	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	319494	42.703	ng		98
62) 4-Nitroaniline	15.73	138	129624	40.196	ng		99
63) Azobenzene	16.00	77	426656	49.004	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	60406	24.466	ng		94
66) n-Nitrosodiphenylamine	15.92	169	513199	47.388	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	219736	43.990	ng		98
68) Hexachlorobenzene	16.72	284	225703	41.566	ng	#	94
69) Atrazine	16.87	200	190931	49.855	ng		99
70) Pentachlorophenol	17.07	266	270709	95.950	ng		97
71) Phenanthrene	17.46	178	924894	47.283	ng		98
72) Anthracene	17.55	178	942054	48.243	ng		98
73) Carbazole	17.82	167	828322	47.595	ng		98
74) Di-n-butylphthalate	18.38	149	974553	47.371	ng		99
75) Fluoranthene	19.47	202	1157574	48.490	ng		98
77) Benzidine	19.64	184	664785	59.195	ng		99
78) Pyrene	19.83	202	1150289	47.898	ng		98
80) Butylbenzylphthalate	20.71	149	457442	48.428	ng		99
81) Benzo(a)anthracene	21.68	228	1103173	46.296	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	372365	38.855	ng	#	98
83) Chrysene	21.74	228	1067996	46.474	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	634588	48.386	ng		99
85) Di-n-octyl phthalate	22.79	149	1099120	48.727	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1341923	42.969	ng	#	93
88) Benzo(b)fluoranthene	23.91	252	1176660	46.274	ng		98
89) Benzo(k)fluoranthene	23.97	252	1186353	48.538	ng		98
90) Benzo(a)pyrene	24.79	252	1186600	49.177	ng		99
91) Dibenzo(a,h)anthracene	28.71	278	1118615	45.787	ng		98
92) Benzo(g,h,i)perylene	29.81	276	1062707	43.492	ng	#	96

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

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