Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043036.D
Acq On : 4 Oct 2019 20:12
Operator : JU
Sample : K5168-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Manual Integrations APPROVED
mohammad
10/9/2019 8:31:51 AM

Quant Time: Oct 05 06:26:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71064	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	260481	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	185782	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	431140	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	462144	20.00	ng		-0.02
87) Perylene-d12	24.91	264	550138	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	443112	111.28	ng		-0.01
7) Phenol-d6	7.24	99	640534	111.70	ng		0.00
23) Nitrobenzene-d5	9.22	82	392717	73.28	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	359727	112.60	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	869130	67.82	ng		-0.02
79) Terphenyl-d14	20.03	244	1512197	69.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	54595	32.884	ng		94
3) Pyridine	3.94	79	142526	30.522	ng		91
4) n-Nitrosodimethylamine	3.85	42	84846	37.784	ng	#	86
6) Aniline	7.39	93	249836	36.093	ng		97
8) 2-Chlorophenol	7.63	128	193856	46.682	ng		100
9) Benzaldehyde	7.20	77	118861	33.921	ng		90
10) Phenol	7.27	94	269154	51.159	ng		91
11) bis(2-Chloroethyl)ether	7.48	93	171002	42.009	ng		94
12) 1,3-Dichlorobenzene	7.95	146	209096	39.470	ng		98
13) 1,4-Dichlorobenzene	8.10	146	213729	40.471	ng		99
14) 1,2-Dichlorobenzene	8.42	146	200034	39.786	ng		97
15) Benzyl Alcohol	8.30	79	188256	43.666	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	262612	33.593	ng		97
17) 2-Methylphenol	8.51	107	166671	45.276	ng		98
18) Hexachloroethane	9.15	117	77206	38.818	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	151864	40.332	ng		96
20) 3+4-Methylphenols	8.83	107	227768	45.149	ng		96
22) Acetophenone	8.88	105	289996	43.190	ng	#	95
24) Nitrobenzene	9.26	77	228900	44.779	ng		97
25) Isophorone	9.79	82	422902	44.925	ng		98
26) 2-Nitrophenol	9.97	139	113016	51.936	ng		97
27) 2,4-Dimethylphenol	10.04	122	187255	56.033	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	236027	44.192	ng		96
29) 2,4-Dichlorophenol	10.51	162	211438	50.872	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	233513	43.507	ng		96
31) Naphthalene	10.91	128	584959	45.620	ng		99
32) Benzoic acid	10.19	122	129730	49.534	ng		89
33) 4-Chloroaniline	11.02	127	168196	30.229	ng		93
34) Hexachlorobutadiene	11.21	225	166183	41.352	ng		100
35) Caprolactam	11.80	113	66739m	45.534	ng		
36) 4-Chloro-3-methylphenol	12.14	107	219963	48.675	ng		95
37) 2-Methylnaphthalene	12.51	142	444299	45.420	ng		95
38) 1-Methylnaphthalene	12.74	142	423123	45.713	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	298096	42.675	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	419117	94.169	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	198312	48.505	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	208427	49.487	ng		95
46) 1,1'-Biphenyl	13.52	154	605333	42.966	ng		99
47) 2-Chloronaphthalene	13.56	162	469204	44.420	ng		99
48) 2-Nitroaniline	13.76	65	151855	43.231	ng		90
49) Acenaphthylene	14.40	152	757108	46.842	ng		99
50) Dimethylphthalate	14.14	163	756552	54.350	ng		99
51) 2,6-Dinitrotoluene	14.25	165	142646	48.120	ng		94
52) Acenaphthene	14.74	154	472024	43.631	ng		98
53) 3-Nitroaniline	14.59	138	99090	32.345	ng		98
54) 2,4-Dinitrophenol	14.79	184	181067	98.268	ng		91
55) Dibenzofuran	15.08	168	731616	45.715	ng		98
56) 4-Nitrophenol	14.90	139	228294	97.804	ng		93
57) 2,4-Dinitrotoluene	15.04	165	201021	46.307	ng		98
58) Fluorene	15.73	166	614783	44.995	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	212061	47.288	ng		98
60) Diethylphthalate	15.50	149	613155	43.282	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	360668	44.014	ng		99
62) 4-Nitroaniline	15.75	138	142138	42.542	ng		98
63) Azobenzene	16.01	77	545183	42.270	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	125939	51.621	ng		93
66) n-Nitrosodiphenylamine	15.93	169	552017	48.501	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	250073	46.214	ng		96
68) Hexachlorobenzene	16.73	284	275723	45.763	ng		97
69) Atrazine	16.88	200	210407	43.901	ng		96
70) Pentachlorophenol	17.08	266	355136	102.151	ng		100
71) Phenanthrene	17.47	178	986280	46.858	ng		98
72) Anthracene	17.56	178	999321	47.557	ng		99
73) Carbazole	17.82	167	899566	46.165	ng		100
74) Di-n-butylphthalate	18.38	149	1030135	44.309	ng		99
75) Fluoranthene	19.47	202	1311804	47.119	ng		99
77) Benzidine	19.65	184	712895	61.607	ng		99
78) Pyrene	19.83	202	1312568	47.585	ng		99
80) Butylbenzylphthalate	20.72	149	485545	46.375	ng		96
81) Benzo(a)anthracene	21.67	228	1326550	46.067	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	389223	34.463	ng		99
83) Chrysene	21.74	228	1284930	45.982	ng		100
84) Bis(2-ethylhexyl)phthalate	21.58	149	698999	46.918	ng		98
85) Di-n-octyl phthalate	22.79	149	1181812	48.511	ng		97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1697581	48.798	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	1465250	47.071	ng		99
89) Benzo(k)fluoranthene	23.96	252	1368330	44.434	ng		99
90) Benzo(a)pyrene	24.76	252	1412697	48.103	ng		98
91) Dibenzo(a,h)anthracene	28.65	278	1431629	47.539	ng		99
92) Benzo(g,h,i)perylene	29.73	276	1407798	48.247	ng		99

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

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