Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044532.D
Acq On : 20 Feb 2020 22:32
Operator : CG/JU
Sample : L1595-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3AMS

Manual Integrations APPROVED
mohammad
2/21/2020 2:17:53 PM

Quant Time: Feb 21 07:34:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	59659	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	252824	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	167627	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	374922	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	373069	20.00	ng	-0.03
87) Perylene-d12	24.58	264	405197	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	325190	96.20	ng	-0.02
7) Phenol-d6	7.06	99	437326	96.34	ng	-0.02
23) Nitrobenzene-d5	9.04	82	250353	55.90	ng	-0.03
42) 2,4,6-Tribromophenol	16.02	330	175201	89.03	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	588515	58.79	ng	-0.02
79) Terphenyl-d14	19.88	244	956607	52.74	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	65776	43.308	ng	98
3) Pyridine	3.73	79	158798	39.244	ng	97
4) n-Nitrosodimethylamine	3.65	42	78923	46.675	ng	91
6) Aniline	7.20	93	115160	20.438	ng	99
8) 2-Chlorophenol	7.45	128	204859	55.141	ng	99
9) Benzaldehyde	7.01	77	78948	30.537	ng	96
10) Phenol	7.08	94	252875	56.288	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	182096	47.411	ng	97
12) 1,3-Dichlorobenzene	7.77	146	206653	46.588	ng	97
13) 1,4-Dichlorobenzene	7.91	146	209293	47.639	ng	99
14) 1,2-Dichlorobenzene	8.24	146	198563	47.817	ng	98
15) Benzyl Alcohol	8.12	79	162756	50.643	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	232585	44.742	ng	99
17) 2-Methylphenol	8.33	107	171436	53.485	ng	97
18) Hexachloroethane	8.96	117	76331	46.300	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	141399	46.739	ng	97
20) 3+4-Methylphenols	8.66	107	235205	53.245	ng	99
22) Acetophenone	8.70	105	268095	43.590	ng	99
24) Nitrobenzene	9.08	77	203279	46.497	ng	96
25) Isophorone	9.61	82	387934	46.477	ng	99
26) 2-Nitrophenol	9.79	139	113094	49.854	ng	99
27) 2,4-Dimethylphenol	9.86	122	190543	59.503	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	248193	44.574	ng	100
29) 2,4-Dichlorophenol	10.33	162	198788	51.339	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	199017	44.825	ng	97
31) Naphthalene	10.73	128	585786	47.756	ng	100
32) Benzoic acid	10.03	122	54395	32.346	ng	96
33) 4-Chloroaniline	10.84	127	65371	11.718	ng	99
34) Hexachlorobutadiene	11.03	225	118327	43.312	ng	99
35) Caprolactam	11.61	113	72717m	51.267	ng	
36) 4-Chloro-3-methylphenol	11.98	107	209141	51.517	ng	99
37) 2-Methylnaphthalene	12.34	142	431130	47.338	ng	100
38) 1-Methylnaphthalene	12.56	142	411185	47.888	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	218270	43.530	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	12.70	237	217785	90.518	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	157044	48.454	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	169906	51.324	ng	99
46) 1,1'-Biphenyl	13.35	154	550532	45.532	ng	99
47) 2-Chloronaphthalene	13.40	162	432762	44.979	ng	100
48) 2-Nitroaniline	13.59	65	125085	44.052	ng	98
49) Acenaphthylene	14.24	152	686597	48.653	ng	99
50) Dimethylphthalate	13.98	163	584525	48.510	ng	100
51) 2,6-Dinitrotoluene	14.09	165	125697	46.786	ng	98
52) Acenaphthene	14.59	154	417126	45.602	ng	98
53) 3-Nitroaniline	14.42	138	47661	16.035	ng	96
54) 2,4-Dinitrophenol	14.63	184	105200	67.409	ng	98
55) Dibenzofuran	14.92	168	656794	47.425	ng	97
56) 4-Nitrophenol	14.75	139	225630	103.630	ng	99
57) 2,4-Dinitrotoluene	14.89	165	174885	46.444	ng	95
58) Fluorene	15.57	166	520257	47.695	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	153371	51.291	ng	98
60) Diethylphthalate	15.35	149	551167	45.906	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	272170	46.018	ng	98
62) 4-Nitroaniline	15.59	138	126532	42.602	ng	99
63) Azobenzene	15.86	77	487288	46.308	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	100575	48.597	ng	98
66) n-Nitrosodiphenylamine	15.78	169	485918	46.247	ng	98
67) 4-Bromophenyl-phenylether	16.46	248	182355	44.643	ng	99
68) Hexachlorobenzene	16.59	284	200678	43.852	ng	97
69) Atrazine	16.73	200	189373	52.585	ng	98
70) Pentachlorophenol	16.93	266	200740	86.480	ng	97
71) Phenanthrene	17.31	178	851127	46.881	ng	98
72) Anthracene	17.40	178	880018	49.028	ng	99
73) Carbazole	17.67	167	802735	48.512	ng	99
74) Di-n-butylphthalate	18.23	149	971475	47.509	ng	99
75) Fluoranthene	19.32	202	1039268	49.484	ng	100
77) Benzidine	19.50	184	281306	27.184	ng	97
78) Pyrene	19.68	202	1049045	43.786	ng	98
80) Butylbenzylphthalate	20.57	149	461307	42.251	ng	98
81) Benzo(a)anthracene	21.49	228	1024353	44.551	ng	98
82) 3,3'-Dichlorobenzidine	21.41	252	164007	18.379	ng	99
83) Chrysene	21.56	228	980159	44.103	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	663278	44.136	ng	99
85) Di-n-octyl phthalate	22.57	149	1168238	44.929	ng	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1286388	44.366	ng	99
88) Benzo(b)fluoranthene	23.61	252	1080379	46.271	ng	99
89) Benzo(k)fluoranthene	23.68	252	1090754	47.931	ng	99
90) Benzo(a)pyrene	24.44	252	1019806	46.195	ng	99
91) Dibenzo(a,h)anthracene	28.12	278	1061230	48.573	ng	98
92) Benzo(g,h,i)perylene	29.15	276	1082726	49.504	ng	98

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

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