Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042866.D
Acq On : 17 Sep 2019 2:13
Operator : HP/JU
Sample : K4846-08MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:26:57 PM

Quant Time: Sep 17 04:59:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	104480	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	415749	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	285457	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	636644	20.00	ng	0.00
76) Chrysene-d12	21.76	240	605357	20.00	ng	0.00
87) Perylene-d12	25.04	264	663596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	612385	101.90	ng	0.00
7) Phenol-d6	7.27	99	911345	105.65	ng	0.00
23) Nitrobenzene-d5	9.28	82	577482	72.32	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	396791	104.48	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1192324	66.12	ng	-0.01
79) Terphenyl-d14	20.08	244	1852794	67.83	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	87765	32.000	ng	# 94
3) Pyridine	3.98	79	243972	29.544	ng	96
4) n-Nitrosodimethylamine	3.89	42	149356	37.170	ng	95
6) Aniline	7.44	93	336374	28.904	ng	99
8) 2-Chlorophenol	7.69	128	302185	46.518	ng	97
9) Benzaldehyde	7.25	77	213761	38.082	ng	97
10) Phenol	7.30	94	438665	49.589	ng	95
11) bis(2-Chloroethyl)ether	7.53	93	294120	43.323	ng	95
12) 1,3-Dichlorobenzene	8.01	146	318366	40.181	ng	98
13) 1,4-Dichlorobenzene	8.16	146	324122	40.860	ng	99
14) 1,2-Dichlorobenzene	8.47	146	307227	40.687	ng	99
15) Benzyl Alcohol	8.35	79	320124	43.245	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	545021	36.557	ng	98
17) 2-Methylphenol	8.56	107	267476	45.196	ng	96
18) Hexachloroethane	9.21	117	118337	40.407	ng	90
19) n-Nitroso-di-n-propylamine	8.92	70	259711	40.861	ng	89
20) 3+4-Methylphenols	8.88	107	370021	45.357	ng	97
22) Acetophenone	8.94	105	452741	43.119	ng	# 97
24) Nitrobenzene	9.32	77	382758	45.664	ng	95
25) Isophorone	9.85	82	698804	41.982	ng	97
26) 2-Nitrophenol	10.03	139	176275	53.481	ng	99
27) 2,4-Dimethylphenol	10.09	122	284343	48.769	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	395035	42.556	ng	100
29) 2,4-Dichlorophenol	10.57	162	318288	46.977	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	353409	42.723	ng	97
31) Naphthalene	10.98	128	907777	44.224	ng	100
32) Benzoic acid	10.22	122	227074	48.133	ng	97
33) 4-Chloroaniline	11.08	127	243961	25.428	ng	97
34) Hexachlorobutadiene	11.27	225	235264	40.593	ng	96
35) Caprolactam	11.85	113	114466m	45.432	ng	
36) 4-Chloro-3-methylphenol	12.19	107	347043	47.175	ng	97
37) 2-Methylnaphthalene	12.57	142	681977	44.352	ng	98
38) 1-Methylnaphthalene	12.79	142	636185	44.113	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	426783	45.244	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	356715	66.012 ng		98
43) 2,4,6-Trichlorophenol	13.17	196	293181	46.685 ng		98
44) 2,4,5-Trichlorophenol	13.24	196	315525	49.052 ng		96
46) 1,1'-Biphenyl	13.57	154	897683	44.921 ng		98
47) 2-Chloronaphthalene	13.62	162	713934	43.187 ng		98
48) 2-Nitroaniline	13.81	65	265391	46.279 ng		98
49) Acenaphthylene	14.46	152	1134866	44.923 ng		97
50) Dimethylphthalate	14.19	163	980925	45.871 ng		99
51) 2,6-Dinitrotoluene	14.30	165	214192	48.815 ng		92
52) Acenaphthene	14.80	154	769391	46.619 ng		98
53) 3-Nitroaniline	14.62	138	180592	36.672 ng		96
54) 2,4-Dinitrophenol	14.83	184	160390	74.252 ng	#	74
55) Dibenzofuran	15.14	168	1087698	44.339 ng		97
56) 4-Nitrophenol	14.93	139	371904	97.673 ng		94
57) 2,4-Dinitrotoluene	15.08	165	296196	50.644 ng		99
58) Fluorene	15.78	166	895573	44.051 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	302270m	48.475 ng		
60) Diethylphthalate	15.55	149	897484	41.346 ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	513205	42.693 ng		97
62) 4-Nitroaniline	15.79	138	217075	40.894 ng		97
63) Azobenzene	16.06	77	906094	43.348 ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	134583	49.405 ng		100
66) n-Nitrosodiphenylamine	15.98	169	808671	47.204 ng		97
67) 4-Bromophenyl-phenylether	16.66	248	350156	45.441 ng		97
68) Hexachlorobenzene	16.79	284	369707	44.901 ng		96
69) Atrazine	16.93	200	310362	52.024 ng		98
70) Pentachlorophenol	17.13	266	487451	99.795 ng		96
71) Phenanthrene	17.52	178	1392732	45.743 ng		98
72) Anthracene	17.62	178	1422968	46.780 ng		98
73) Carbazole	17.87	167	1324308	45.806 ng		96
74) Di-n-butylphthalate	18.44	149	1492364	43.091 ng		99
75) Fluoranthene	19.52	202	1721684	43.631 ng		96
77) Benzidine	19.70	184	800198	47.313 ng		99
78) Pyrene	19.89	202	1713992	45.225 ng		96
80) Butylbenzylphthalate	20.77	149	695881	45.369 ng		98
81) Benzo(a)anthracene	21.74	228	1696658	44.081 ng		97
82) 3,3'-Dichlorobenzidine	21.65	252	612506	40.949 ng		99
83) Chrysene	21.81	228	1629241	44.688 ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	942067	44.951 ng		100
85) Di-n-octyl phthalate	22.89	149	1605033	44.924 ng		99
86) Indeno(1,2,3-cd)pyrene	28.78	276	2042813	45.246 ng	#	92
88) Benzo(b)fluoranthene	24.00	252	1789531	45.927 ng		98
89) Benzo(k)fluoranthene	24.07	252	1687408	45.845 ng		99
90) Benzo(a)pyrene	24.88	252	1730870	47.440 ng		99
91) Dibenzo(a,h)anthracene	28.85	278	1692414	47.162 ng		99
92) Benzo(g,h,i)perylene	29.94	276	1643908	46.966 ng		98

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

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