Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045100.D
Acq On : 20 Apr 2020 17:43
Operator : CG/JU
Sample : L2346-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Manual Integrations APPROVED
mohammad
4/21/2020 2:53:47 PM

Quant Time: Apr 20 18:34:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 16:38:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	65886	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	286585	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	220238	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	489592	20.00	ng	0.00
76) Chrysene-d12	21.67	240	439591	20.00	ng	0.00
87) Perylene-d12	24.87	264	484920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	259321	64.98	ng	0.00
7) Phenol-d6	7.20	99	401968	67.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	263800	42.00	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	214270	62.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	656290	43.70	ng	0.00
79) Terphenyl-d14	20.01	244	1130063	56.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	66449	37.466	ng	92
3) Pyridine	3.88	79	196932	36.063	ng	96
4) n-Nitrosodimethylamine	3.80	42	74299	44.415	ng	95
6) Aniline	7.34	93	250263	32.463	ng	97
8) 2-Chlorophenol	7.59	128	245563	57.254	ng	96
9) Benzaldehyde	7.16	77	111995	31.264	ng	98
10) Phenol	7.22	94	335276	56.507	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	213135	45.117	ng	96
12) 1,3-Dichlorobenzene	7.91	146	247094	48.890	ng	95
13) 1,4-Dichlorobenzene	8.06	146	242900	48.232	ng	97
14) 1,2-Dichlorobenzene	8.38	146	237825	49.362	ng	97
15) Benzyl Alcohol	8.26	79	249227	50.134	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	199711	43.067	ng	95
17) 2-Methylphenol	8.47	107	224079	48.948	ng	94
18) Hexachloroethane	9.11	117	94135	49.722	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	196183	46.786	ng	98
20) 3+4-Methylphenols	8.80	107	322266	50.294	ng	98
22) Acetophenone	8.85	105	362460	46.769	ng	99
24) Nitrobenzene	9.22	77	306549	47.615	ng	97
25) Isophorone	9.75	82	569008	44.239	ng	99
26) 2-Nitrophenol	9.94	139	148759	53.642	ng	97
27) 2,4-Dimethylphenol	10.01	122	241713	54.932	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	322424	47.710	ng	97
29) 2,4-Dichlorophenol	10.49	162	278940	54.900	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	287552	49.986	ng	97
31) Naphthalene	10.89	128	773860	49.361	ng	99
32) Benzoic acid	10.17	122	172958	48.569	ng	94
33) 4-Chloroaniline	10.99	127	133140	18.210	ng	96
34) Hexachlorobutadiene	11.18	225	195692	49.616	ng	97
35) Caprolactam	11.77	113	96750m	47.845	ng	
36) 4-Chloro-3-methylphenol	12.12	107	315256	52.818	ng	99
37) 2-Methylnaphthalene	12.49	142	610290	50.153	ng	98
38) 1-Methylnaphthalene	12.71	142	583579	50.800	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	350959	49.493	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 16:38:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	338574	76.392 ng		98
43) 2,4,6-Trichlorophenol	13.09	196	256565	51.266 ng		97
44) 2,4,5-Trichlorophenol	13.17	196	274765	48.233 ng		98
46) 1,1'-Biphenyl	13.49	154	788852	47.125 ng		97
47) 2-Chloronaphthalene	13.54	162	617249	48.257 ng		100
48) 2-Nitroaniline	13.73	65	193105	45.886 ng		94
49) Acenaphthylene	14.38	152	996802	47.844 ng		99
50) Dimethylphthalate	14.12	163	898941	50.128 ng		100
51) 2,6-Dinitrotoluene	14.23	165	185934	46.356 ng		96
52) Acenaphthene	14.73	154	732914m	51.993 ng		
53) 3-Nitroaniline	14.56	138	128150	29.130 ng		91
54) 2,4-Dinitrophenol	14.76	184	194551	81.570 ng		94
55) Dibenzofuran	15.06	168	970569	47.226 ng		98
56) 4-Nitrophenol	14.88	139	303298	88.919 ng		97
57) 2,4-Dinitrotoluene	15.02	165	265791	45.343 ng		94
58) Fluorene	15.71	166	799294	47.614 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	259531	51.203 ng		98
60) Diethylphthalate	15.48	149	835619	44.693 ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	445054	46.061 ng		97
62) 4-Nitroaniline	15.73	138	167767	36.768 ng		92
63) Azobenzene	15.99	77	795633	46.157 ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	137457	42.714 ng		97
66) n-Nitrosodiphenylamine	15.91	169	709751	50.455 ng		99
67) 4-Bromophenyl-phenylether	16.60	248	307596	48.700 ng		96
68) Hexachlorobenzene	16.72	284	331917	50.670 ng		97
69) Atrazine	16.87	200	288606	57.587 ng		99
70) Pentachlorophenol	17.06	266	388941	96.787 ng		99
71) Phenanthrene	17.45	178	1228699	48.838 ng		100
72) Anthracene	17.54	178	1267581	50.227 ng		100
73) Carbazole	17.81	167	1141357	44.566 ng		98
74) Di-n-butylphthalate	18.37	149	1376055	50.039 ng		100
75) Fluoranthene	19.46	202	1479092	46.317 ng		98
77) Benzidine	19.63	184	872094	72.078 ng		99
78) Pyrene	19.81	202	1459651	48.164 ng		100
80) Butylbenzylphthalate	20.70	149	595661	47.418 ng		97
81) Benzo(a)anthracene	21.65	228	1398257	49.076 ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	393697	34.716 ng		98
83) Chrysene	21.72	228	1326716	48.464 ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	806019	46.652 ng		100
85) Di-n-octyl phthalate	22.78	149	1388366	46.470 ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1770496	48.712 ng	#	97
88) Benzo(b)fluoranthene	23.86	252	1467954	48.327 ng		99
89) Benzo(k)fluoranthene	23.93	252	1434996	49.677 ng		98
90) Benzo(a)pyrene	24.72	252	1387168	48.369 ng		98
91) Dibenzo(a,h)anthracene	28.57	278	1456590	50.404 ng	#	96
92) Benzo(g,h,i)perylene	29.64	276	1391922	48.044 ng		98

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

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