Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041031.D
Acq On : 3 Jun 2019 13:05
Operator : HP/JU
Sample : K3010-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FESB-23(3-3.5)MSD

Manual Integrations APPROVED
mohammad
6/5/2019 8:35:22 AM

Quant Time: Jun 03 17:38:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59214	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	231820	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	168110	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	418089	20.00	ng	0.00
76) Chrysene-d12	21.78	240	417414	20.00	ng	0.00
87) Perylene-d12	25.11	264	446648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	473439	144.17	ng	0.00
7) Phenol-d6	7.27	99	688169	135.69	ng	0.00
23) Nitrobenzene-d5	9.30	82	470061	90.02	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	351512	140.85	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1022607	87.60	ng	0.00
79) Terphenyl-d14	20.09	244	1725859	87.75	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	52411	35.172	ng	# 92
3) Pyridine	3.93	79	51670	11.719	ng	93
4) n-Nitrosodimethylamine	3.85	42	89040	43.511	ng	87
6) Aniline	7.45	93	85056	12.565	ng	97
8) 2-Chlorophenol	7.68	128	174855	44.664	ng	97
9) Benzaldehyde	7.26	77	113104	37.386	ng	86
10) Phenol	7.29	94	248873	45.768	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	168165	42.630	ng	95
12) 1,3-Dichlorobenzene	8.01	146	188537	40.322	ng	96
13) 1,4-Dichlorobenzene	8.15	146	192372	40.645	ng	95
14) 1,2-Dichlorobenzene	8.48	146	186292	40.538	ng	98
15) Benzyl Alcohol	8.36	79	207818	44.298	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	262763	40.764	ng	100
17) 2-Methylphenol	8.55	107	169013	42.928	ng	99
18) Hexachloroethane	9.20	117	75158	41.201	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	159890	40.968	ng	96
20) 3+4-Methylphenols	8.88	107	230649	42.292	ng	99
22) Acetophenone	8.95	105	304745	46.863	ng	97
24) Nitrobenzene	9.34	77	243886	45.830	ng	98
25) Isophorone	9.86	82	450672	45.350	ng	98
26) 2-Nitrophenol	10.05	139	109105	49.733	ng	90
27) 2,4-Dimethylphenol	10.09	122	184041	50.795	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	240507	44.840	ng	98
29) 2,4-Dichlorophenol	10.58	162	209489	45.531	ng	94
30) 1,2,4-Trichlorobenzene	10.80	180	231033	44.140	ng	93
31) Naphthalene	10.99	128	563384	45.264	ng	100
32) Benzoic acid	10.19	122	39566	19.795	ng	95
33) 4-Chloroaniline	11.10	127	60116	10.410	ng	93
34) Hexachlorobutadiene	11.25	225	172595	43.096	ng	99
35) Caprolactam	11.89	113	57518m	37.856	ng	
36) 4-Chloro-3-methylphenol	12.21	107	241316	45.924	ng	99
37) 2-Methylnaphthalene	12.59	142	424162	44.247	ng	98
38) 1-Methylnaphthalene	12.81	142	400895	44.379	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	309951	45.744	ng	98

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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	12.92	237	334505	90.621 ng		98
43) 2,4,6-Trichlorophenol	13.19	196	204281	46.604 ng		99
44) 2,4,5-Trichlorophenol	13.26	196	218840	47.339 ng		98
46) 1,1'-Biphenyl	13.59	154	579468	46.567 ng		99
47) 2-Chloronaphthalene	13.63	162	471277	44.115 ng		96
48) 2-Nitroaniline	13.84	65	176388	46.025 ng		94
49) Acenaphthylene	14.48	152	727051	45.219 ng		99
50) Dimethylphthalate	14.20	163	718262	50.473 ng		99
51) 2,6-Dinitrotoluene	14.33	165	142897	46.573 ng		95
52) Acenaphthene	14.82	154	435001	44.661 ng		99
53) 3-Nitroaniline	14.66	138	67999	22.163 ng		91
54) 2,4-Dinitrophenol	14.86	184	90883	63.042 ng		93
55) Dibenzofuran	15.15	168	743076	45.339 ng		99
56) 4-Nitrophenol	14.96	139	218621	103.885 ng		90
57) 2,4-Dinitrotoluene	15.11	165	200851	46.342 ng		97
58) Fluorene	15.80	166	583436	44.700 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	223016	49.090 ng		98
60) Diethylphthalate	15.55	149	628412	43.271 ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	364339	42.946 ng		95
62) 4-Nitroaniline	15.83	138	140306	43.196 ng		96
63) Azobenzene	16.07	77	585299	44.342 ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	103990	46.700 ng		96
66) n-Nitrosodiphenylamine	16.00	169	533631	45.404 ng		100
67) 4-Bromophenyl-phenylether	16.68	248	243291	43.119 ng		97
68) Hexachlorobenzene	16.79	284	252222	41.980 ng		98
69) Atrazine	16.94	200	225660	49.760 ng		96
70) Pentachlorophenol	17.14	266	296896	91.594 ng		97
71) Phenanthrene	17.54	178	980385	45.018 ng		98
72) Anthracene	17.63	178	1008250	46.942 ng		100
73) Carbazole	17.90	167	895056	48.566 ng		99
74) Di-n-butylphthalate	18.43	149	1011451	44.157 ng		98
75) Fluoranthene	19.54	202	1252503	46.563 ng		97
77) Benzidine	19.72	184	102786	10.322 ng		97
78) Pyrene	19.90	202	1259896	46.431 ng		99
80) Butylbenzylphthalate	20.77	149	489938	46.397 ng		97
81) Benzo(a)anthracene	21.75	228	1242223	44.707 ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	183185	18.744 ng		97
83) Chrysene	21.82	228	1208248	45.440 ng		97
84) Bis(2-ethylhexyl)phthalate	21.62	149	673303	45.295 ng		100
85) Di-n-octyl phthalate	22.87	149	1138082	45.970 ng		100
86) Indeno(1,2,3-cd)pyrene	28.96	276	1486652	45.642 ng	#	98
88) Benzo(b)fluoranthene	24.05	252	1263128	46.626 ng		99
89) Benzo(k)fluoranthene	24.12	252	1219454	45.488 ng		98
90) Benzo(a)pyrene	24.96	252	1227465	47.491 ng		98
91) Dibenzo(a,h)anthracene	29.02	278	1219753	47.229 ng		99
92) Benzo(g,h,i)perylene	30.16	276	1215485	48.444 ng		98

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

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