Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG041001.D
Acq On : 1 Jun 2019 7:17
Operator : HP/JU
Sample : K3037-08MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW2-R1-1MSD

Manual Integrations APPROVED
mohammad
6/3/2019 8:50:31 AM

Quant Time: Jun 03 01:56:21 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	60786	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	241364	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	175480	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	428798	20.00	ng	0.00
76) Chrysene-d12	21.78	240	412455	20.00	ng	0.00
87) Perylene-d12	25.11	264	448743	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	187897	55.74	ng	0.00
7) Phenol-d6	7.26	99	173516	33.33	ng	0.00
23) Nitrobenzene-d5	9.30	82	421301	77.49	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	299287	114.88	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	912518	74.89	ng	0.00
79) Terphenyl-d14	20.09	244	1466082	75.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	23582	15.416	ng	# 73
3) Pyridine	3.93	79	64462	14.242	ng	96
4) n-Nitrosodimethylamine	3.85	42	36497	17.374	ng	# 88
6) Aniline	7.44	93	80432	11.574	ng	94
8) 2-Chlorophenol	7.68	128	125932	31.335	ng	98
9) Benzaldehyde	7.26	77	74346	23.939	ng	89
10) Phenol	7.29	94	65184	11.677	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	144394	35.657	ng	99
12) 1,3-Dichlorobenzene	8.01	146	142629	29.715	ng	97
13) 1,4-Dichlorobenzene	8.15	146	144128	29.664	ng	98
14) 1,2-Dichlorobenzene	8.48	146	141458	29.986	ng	97
15) Benzyl Alcohol	8.36	79	118010	24.504	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	229896	34.743	ng	99
17) 2-Methylphenol	8.55	107	100299	24.816	ng	98
18) Hexachloroethane	9.21	117	53668	28.660	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	141862	35.409	ng	98
20) 3+4-Methylphenols	8.88	107	119759	21.391	ng	98
22) Acetophenone	8.95	105	262397	38.755	ng	# 99
24) Nitrobenzene	9.34	77	237280	42.825	ng	98
25) Isophorone	9.86	82	400146	38.673	ng	98
26) 2-Nitrophenol	10.05	139	89351	39.118	ng	90
27) 2,4-Dimethylphenol	10.09	122	139515	36.983	ng	96
28) bis(2-Chloroethoxy)methane	10.34	93	212456	38.044	ng	98
29) 2,4-Dichlorophenol	10.58	162	172822	36.076	ng	95
30) 1,2,4-Trichlorobenzene	10.80	180	179386	32.917	ng	98
31) Naphthalene	11.00	128	465636	35.931	ng	99
32) Benzoic acid	10.18	122	33042	17.487	ng	98
33) 4-Chloroaniline	11.10	127	69649	11.583	ng	93
34) Hexachlorobutadiene	11.26	225	124639	29.891	ng	98
35) Caprolactam	11.90	113	10345	6.539	ng	# 87
36) 4-Chloro-3-methylphenol	12.20	107	181127	33.106	ng	95
37) 2-Methylnaphthalene	12.59	142	358260	35.895	ng	95
38) 1-Methylnaphthalene	12.81	142	342101m	36.373	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	260291	36.802	ng	99

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Quant Time: Jun 03 01:56:21 2019
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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	303438	79.830	ng		95
43) 2,4,6-Trichlorophenol	13.18	196	170593	37.284	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	178813	37.056	ng		97
46) 1,1'-Biphenyl	13.59	154	494556	38.074	ng		99
47) 2-Chloronaphthalene	13.64	162	405183	36.335	ng		98
48) 2-Nitroaniline	13.84	65	131721	32.926	ng		98
49) Acenaphthylene	14.48	152	627486	37.388	ng		99
50) Dimethylphthalate	14.20	163	636388	42.842	ng		99
51) 2,6-Dinitrotoluene	14.33	165	121906	38.063	ng		100
52) Acenaphthene	14.82	154	364250	35.826	ng		97
53) 3-Nitroaniline	14.66	138	43376	13.544	ng		95
54) 2,4-Dinitrophenol	14.86	184	159018	90.262	ng		94
55) Dibenzofuran	15.15	168	644934	37.698	ng		100
56) 4-Nitrophenol	14.95	139	67185	30.584	ng		90
57) 2,4-Dinitrotoluene	15.11	165	171570	37.923	ng		99
58) Fluorene	15.80	166	507678	37.263	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	184491	38.904	ng		99
60) Diethylphthalate	15.55	149	561810	37.060	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	325040	36.704	ng		97
62) 4-Nitroaniline	15.82	138	83295	24.567	ng		95
63) Azobenzene	16.07	77	518262	37.615	ng		100
65) 4,6-Dinitro-2-methylphenol	15.87	198	102770	45.312	ng		97
66) n-Nitrosodiphenylamine	16.00	169	465469	38.615	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	213284	36.857	ng		95
68) Hexachlorobenzene	16.79	284	217795	35.345	ng		99
69) Atrazine	16.94	200	191595	41.193	ng		96
70) Pentachlorophenol	17.14	266	273045	82.571	ng		96
71) Phenanthrene	17.54	178	850364	38.072	ng		99
72) Anthracene	17.63	178	867256	39.369	ng		100
73) Carbazole	17.90	167	750227	39.691	ng		99
74) Di-n-butylphthalate	18.43	149	890390	37.901	ng		99
75) Fluoranthene	19.54	202	1077404	39.053	ng		97
78) Pyrene	19.90	202	1080294	40.291	ng		100
80) Butylbenzylphthalate	20.77	149	408789	39.178	ng		99
81) Benzo(a)anthracene	21.76	228	1040343	37.892	ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	58339	6.041	ng	#	91
83) Chrysene	21.83	228	1020310	38.834	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	565885	38.526	ng		99
85) Di-n-octyl phthalate	22.87	149	945966	38.670	ng		100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1224946	38.060	ng	#	99
88) Benzo(b)fluoranthene	24.04	252	1068078	39.242	ng		98
89) Benzo(k)fluoranthene	24.12	252	1007808	37.418	ng		98
90) Benzo(a)pyrene	24.96	252	1011165	38.939	ng		99
91) Dibenzo(a,h)anthracene	29.02	278	1001413	38.594	ng		97
92) Benzo(g,h,i)perylene	30.17	276	1034277	41.029	ng		97

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

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