Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042943.D
Acq On : 30 Sep 2019 15:06
Operator : JU
Sample : K5083-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MS

Manual Integrations APPROVED
mohammad
10/2/2019 8:33:13 AM

Quant Time: Oct 01 07:30:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	66516	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	239448	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	177114	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	425366	20.00	ng		0.00
76) Chrysene-d12	21.70	240	481304	20.00	ng		-0.01
87) Perylene-d12	24.93	264	552170	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	367394	98.57	ng		0.00
7) Phenol-d6	7.25	99	535249	99.72	ng		0.00
23) Nitrobenzene-d5	9.23	82	340152	69.05	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	300595	98.70	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	791123	64.75	ng		0.00
79) Terphenyl-d14	20.04	244	1477274	65.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	47133	30.331	ng		100
3) Pyridine	3.95	79	114303	26.152	ng		96
4) n-Nitrosodimethylamine	3.86	42	75421	35.884	ng		99
6) Aniline	7.40	93	118046	18.220	ng		97
8) 2-Chlorophenol	7.64	128	142921	36.769	ng		98
9) Benzaldehyde	7.21	77	96978	29.568	ng		92
10) Phenol	7.27	94	195421	39.684	ng		98
11) bis(2-Chloroethyl)ether	7.49	93	124637	32.712	ng		99
12) 1,3-Dichlorobenzene	7.96	146	158167	31.898	ng		97
13) 1,4-Dichlorobenzene	8.11	146	159884	32.345	ng		97
14) 1,2-Dichlorobenzene	8.43	146	151349	32.161	ng		94
15) Benzyl Alcohol	8.31	79	135896	33.676	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	232512	31.776	ng		98
17) 2-Methylphenol	8.52	107	120385	34.938	ng		98
18) Hexachloroethane	9.16	117	60185	32.329	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	113396	32.175	ng	#	97
20) 3+4-Methylphenols	8.85	107	163117	34.545	ng		93
22) Acetophenone	8.89	105	210125	34.044	ng	#	96
24) Nitrobenzene	9.27	77	175704	37.392	ng		98
25) Isophorone	9.80	82	310836	35.921	ng		99
26) 2-Nitrophenol	9.99	139	80066	40.026	ng		99
27) 2,4-Dimethylphenol	10.04	122	134575	43.807	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	171529	34.937	ng		99
29) 2,4-Dichlorophenol	10.53	162	152790	39.991	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	175268	35.523	ng		96
31) Naphthalene	10.93	128	433219	36.754	ng		99
32) Benzoic acid	10.17	122	75286	33.813	ng		95
33) 4-Chloroaniline	11.03	127	59370	11.608	ng		98
34) Hexachlorobutadiene	11.21	225	127310	34.461	ng		97
35) Caprolactam	11.81	113	48049m	35.662	ng		
36) 4-Chloro-3-methylphenol	12.15	107	164278	39.546	ng		97
37) 2-Methylnaphthalene	12.52	142	333484	37.086	ng		97
38) 1-Methylnaphthalene	12.74	142	313583	36.855	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	222020	33.340	ng		97

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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	12.88	237	347321	81.857 ng	98
43) 2,4,6-Trichlorophenol	13.13	196	143338	36.775 ng	91
44) 2,4,5-Trichlorophenol	13.20	196	158815	39.553 ng	96
46) 1,1'-Biphenyl	13.53	154	457344	34.050 ng	96
47) 2-Chloronaphthalene	13.57	162	354071	35.161 ng	99
48) 2-Nitroaniline	13.77	65	116090	34.666 ng	98
49) Acenaphthylene	14.42	152	577708	37.492 ng	100
50) Dimethylphthalate	14.15	163	564157	42.512 ng	99
51) 2,6-Dinitrotoluene	14.26	165	105207	37.228 ng	97
52) Acenaphthene	14.76	154	352733	34.200 ng	99
53) 3-Nitroaniline	14.59	138	44779	15.332 ng	89
54) 2,4-Dinitrophenol	14.79	184	134998	76.851 ng	95
55) Dibenzofuran	15.09	168	567488	37.195 ng	98
56) 4-Nitrophenol	14.91	139	179382	80.611 ng	100
57) 2,4-Dinitrotoluene	15.04	165	152165	36.768 ng	98
58) Fluorene	15.74	166	479773	36.832 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	157711	36.889 ng	99
60) Diethylphthalate	15.51	149	473184	35.037 ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	274321	35.115 ng	98
62) 4-Nitroaniline	15.76	138	110160	34.584 ng	97
63) Azobenzene	16.02	77	447996	36.435 ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	95528	39.688 ng	98
66) n-Nitrosodiphenylamine	15.94	169	421337	37.522 ng	98
67) 4-Bromophenyl-phenylether	16.62	248	193763	36.294 ng	96
68) Hexachlorobenzene	16.74	284	210190	35.360 ng	97
69) Atrazine	16.89	200	164627	34.816 ng	97
70) Pentachlorophenol	17.08	266	273732	79.805 ng	98
71) Phenanthrene	17.48	178	771577	37.155 ng	97
72) Anthracene	17.57	178	796853	38.437 ng	100
73) Carbazole	17.84	167	732753	38.115 ng	99
74) Di-n-butylphthalate	18.39	149	835416	36.422 ng	99
75) Fluoranthene	19.48	202	1050810	38.257 ng	100
77) Benzidine	19.66	184	518394	43.015 ng	98
78) Pyrene	19.84	202	1067758	37.169 ng	99
80) Butylbenzylphthalate	20.73	149	388505	35.629 ng	95
81) Benzo(a)anthracene	21.68	228	1111872	37.075 ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	173652	14.763 ng	96
83) Chrysene	21.75	228	1056862	36.315 ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	561009	36.157 ng	97
85) Di-n-octyl phthalate	22.81	149	956231	37.689 ng	100
86) Indeno(1,2,3-cd)pyrene	28.61	276	1349302	37.242 ng	99
88) Benzo(b)fluoranthene	23.90	252	1167580	37.371 ng	97
89) Benzo(k)fluoranthene	23.98	252	1138899	36.848 ng	99
90) Benzo(a)pyrene	24.77	252	1135532	38.523 ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1144264	37.857 ng	99
92) Benzo(g,h,i)perylene	29.75	276	1118903	38.205 ng	98

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

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