Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121893.D
Acq On : 8 Oct 2020 17:17
Operator : JU/CG
Sample : L4309-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMS

Manual Integrations APPROVED
mohammad
10/12/2020 11:31:29 AM

Quant Time: Oct 08 19:07:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	96759	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	383863	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	197680	20.00	ng		-0.01
64) Phenanthrene-d10	11.29	188	363362	20.00	ng		0.00
76) Chrysene-d12	13.93	240	229630	20.00	ng		0.00
86) Perylene-d12	15.36	264	251032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	573324	88.06	ng		0.00
7) Phenol-d6	6.41	99	737885	86.39	ng		0.00
23) Nitrobenzene-d5	7.33	82	509753	71.30	ng		-0.01
42) 2,4,6-Tribromophenol	10.59	330	193282	78.67	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	913762	70.01	ng		-0.01
79) Terphenyl-d14	12.87	244	884387	78.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	127395	42.590	ng		99
3) Pyridine	3.23	79	357072	43.182	ng		100
4) n-Nitrosodimethylamine	3.19	42	172378	44.941	ng		99
6) Aniline	6.42	93	294123	26.438	ng	#	7
8) 2-Chlorophenol	6.55	128	323720	48.834	ng		94
9) Benzaldehyde	6.31	77	77177	13.821	ng		96
10) Phenol	6.42	94	411744	45.267	ng		97
11) bis(2-Chloroethyl)ether	6.50	93	324826	47.381	ng		96
12) 1,3-Dichlorobenzene	6.70	146	350159	47.325	ng		99
13) 1,4-Dichlorobenzene	6.77	146	349167	46.999	ng		98
14) 1,2-Dichlorobenzene	6.93	146	330852	48.342	ng		98
15) Benzyl Alcohol	6.91	79	286016	49.264	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	502533	45.553	ng		89
17) 2-Methylphenol	7.03	107	263456	46.709	ng		95
18) Hexachloroethane	7.27	117	128619	48.351	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	235753	47.889	ng		98
20) 3+4-Methylphenols	7.18	107	334370	49.341	ng	#	74
22) Acetophenone	7.17	105	440470	45.226	ng	#	93
24) Nitrobenzene	7.35	77	355903	46.027	ng		99
25) Isophorone	7.59	82	636230	44.208	ng		100
26) 2-Nitrophenol	7.66	139	169302	46.588	ng		96
27) 2,4-Dimethylphenol	7.70	122	287025	44.679	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	410053	46.024	ng		99
29) 2,4-Dichlorophenol	7.91	162	272429	46.560	ng		99
30) 1,2,4-Trichlorobenzene	7.99	180	280815	45.569	ng		99
31) Naphthalene	8.07	128	914101	45.111	ng		100
32) Benzoic acid	7.86	122	148421	33.427	ng		97
33) 4-Chloroaniline	8.12	127	144325	16.431	ng		99
34) Hexachlorobutadiene	8.18	225	169647	46.901	ng		97
35) Caprolactam	8.50	113	90361m	46.374	ng		
36) 4-Chloro-3-methylphenol	8.62	107	292157	46.351	ng		100
37) 2-Methylnaphthalene	8.76	142	606650	45.683	ng		99
38) 1-Methylnaphthalene	8.86	142	556782	45.051	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	286574	46.410	ng		100

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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	8.91	237	126861	35.976	ng		96
43) 2,4,6-Trichlorophenol	9.05	196	186108	44.218	ng		100
44) 2,4,5-Trichlorophenol	9.09	196	199240	44.778	ng		98
46) 1,1'-Biphenyl	9.22	154	724377	45.773	ng		99
47) 2-Chloronaphthalene	9.25	162	567311	45.491	ng		100
48) 2-Nitroaniline	9.35	65	192106	49.571	ng		97
49) Acenaphthylene	9.66	152	875137	45.672	ng		100
50) Dimethylphthalate	9.53	163	788056	55.003	ng		99
51) 2,6-Dinitrotoluene	9.59	165	149263	48.918	ng		94
52) Acenaphthene	9.83	154	518538	42.846	ng		99
53) 3-Nitroaniline	9.76	138	82373	23.304	ng		99
54) 2,4-Dinitrophenol	9.88	184	102655	60.781	ng		93
55) Dibenzofuran	10.00	168	746198	43.782	ng		99
56) 4-Nitrophenol	9.95	139	183723	65.174	ng		87
57) 2,4-Dinitrotoluene	10.00	165	188297	49.052	ng	#	90
58) Fluorene	10.35	166	612872	47.022	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	161008	44.511	ng		97
60) Diethylphthalate	10.22	149	671355	48.060	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	297754	47.690	ng		97
62) 4-Nitroaniline	10.37	138	142504	40.603	ng		96
63) Azobenzene	10.50	77	682510	45.880	ng		99
65) 4,6-Dinitro-2-methylphenol	10.41	198	88078	40.715	ng		87
66) n-Nitrosodiphenylamine	10.46	169	576187	46.220	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	197722	47.793	ng		99
68) Hexachlorobenzene	10.90	284	214581	45.961	ng		97
69) Atrazine	10.99	200	145445	46.961	ng		99
70) Pentachlorophenol	11.10	266	163046	63.590	ng		98
71) Phenanthrene	11.31	178	898198	45.369	ng		100
72) Anthracene	11.36	178	922987	45.178	ng		99
73) Carbazole	11.52	167	814481	44.178	ng		99
74) Di-n-butylphthalate	11.85	149	1049650	49.329	ng		100
75) Fluoranthene	12.50	202	902231	42.692	ng		99
77) Benzidine	12.62	184	403090	52.950	ng		99
78) Pyrene	12.73	202	883800	52.678	ng		99
80) Butylbenzylphthalate	13.34	149	393913	58.053	ng		98
81) Benzo(a)anthracene	13.92	228	714059	49.152	ng		100
82) 3,3'-Dichlorobenzidine	13.87	252	214035	37.738	ng		99
83) Chrysene	13.95	228	676131	45.961	ng		100
84) Bis(2-ethylhexyl)phthalate	13.90	149	557086	61.457	ng		99
85) Di-n-octyl phthalate	14.51	149	878352	54.906	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	918253	56.169	ng		100
88) Benzo(b)fluoranthene	14.95	252	715453	42.633	ng		99
89) Benzo(k)fluoranthene	14.98	252	699350	45.508	ng		99
90) Benzo(a)pyrene	15.30	252	673135	47.188	ng		98
91) Dibenzo(a,h)anthracene	16.80	278	751194	55.200	ng		99
92) Benzo(g,h,i)perylene	17.22	276	788992	58.982	ng		99

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

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