Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117017.D
Acq On : 13 Sep 2019 12:29
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Jagrut
9/16/2019 3:29:21 PM

Quant Time: Sep 13 14:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 14:40:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	85478	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	350421	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	175829	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	291110	20.00	ng		0.00
76) Chrysene-d12	13.97	240	221899	20.00	ng		0.00
87) Perylene-d12	15.42	264	232913	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	117971	22.36	ng		0.00
7) Phenol-d6	6.45	99	158804	22.92	ng		0.00
23) Nitrobenzene-d5	7.38	82	141572	23.06	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	32287	27.47	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	276041	26.48	ng		0.00
79) Terphenyl-d14	12.91	244	269039	22.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	23816	9.778	ng		98
3) Pyridine	3.33	79	60482	8.576	ng		95
4) n-Nitrosodimethylamine	3.24	42	20554	8.488	ng	#	93
6) Aniline	6.48	93	99891	10.410	ng		97
8) 2-Chlorophenol	6.60	128	67254	11.677	ng		99
9) Benzaldehyde	6.37	77	51179	11.213	ng		98
10) Phenol	6.46	94	87812	11.446	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	61831	10.351	ng		98
12) 1,3-Dichlorobenzene	6.76	146	73858	11.346	ng		97
13) 1,4-Dichlorobenzene	6.84	146	76054	11.735	ng		97
14) 1,2-Dichlorobenzene	6.99	146	72281	12.035	ng		98
15) Benzyl Alcohol	6.96	79	59513	10.582	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	61184	8.730	ng		95
17) 2-Methylphenol	7.07	107	55269	10.962	ng		97
18) Hexachloroethane	7.33	117	28727	11.409	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	47710	10.459	ng		98
20) 3+4-Methylphenols	7.23	107	73378	12.517	ng	#	87
22) Acetophenone	7.23	105	101949	12.084	ng	#	96
24) Nitrobenzene	7.40	77	70027	11.217	ng		99
25) Isophorone	7.64	82	131703	10.588	ng		99
26) 2-Nitrophenol	7.72	139	26119	11.253	ng		97
27) 2,4-Dimethylphenol	7.76	122	49391	10.537	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	82173	10.811	ng		99
29) 2,4-Dichlorophenol	7.96	162	50198	11.143	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	57251	11.717	ng		97
31) Naphthalene	8.12	128	192508	11.553	ng		98
32) Benzoic acid	7.84	122	23573	8.906	ng		94
33) 4-Chloroaniline	8.17	127	84019	11.077	ng		98
34) Hexachlorobutadiene	8.25	225	32430	12.173	ng		96
35) Caprolactam	8.51	113	16945	10.051	ng		93
36) 4-Chloro-3-methylphenol	8.65	107	61802	11.937	ng		99
37) 2-Methylnaphthalene	8.82	142	132945	11.991	ng		99
38) 1-Methylnaphthalene	8.91	142	125458	11.987	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	51731	12.273	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	11288	4.638 ng	96
43) 2,4,6-Trichlorophenol	9.09	196	33185	11.485 ng	97
44) 2,4,5-Trichlorophenol	9.13	196	37451	12.485 ng	96
46) 1,1'-Biphenyl	9.27	154	161789	12.126 ng	99
47) 2-Chloronaphthalene	9.30	162	127946	12.108 ng	99
48) 2-Nitroaniline	9.39	65	35631	11.663 ng	93
49) Acenaphthylene	9.72	152	190171	11.905 ng	99
50) Dimethylphthalate	9.57	163	141609	11.665 ng	99
51) 2,6-Dinitrotoluene	9.63	165	26327	11.367 ng	98
52) Acenaphthene	9.89	154	112215	11.433 ng	100
53) 3-Nitroaniline	9.80	138	33838	11.658 ng	96
54) 2,4-Dinitrophenol	9.92	184	5206	7.651 ng	92
55) Dibenzofuran	10.06	168	170163	12.298 ng	99
56) 4-Nitrophenol	9.97	139	18510	9.301 ng	99
57) 2,4-Dinitrotoluene	10.04	165	32149	11.352 ng	99
58) Fluorene	10.40	166	134041	12.714 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	27296m	12.609 ng	
60) Diethylphthalate	10.26	149	141486	11.636 ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	58946	12.768 ng	96
62) 4-Nitroaniline	10.41	138	35278	12.524 ng	94
63) Azobenzene	10.55	77	142827	11.265 ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	8097	8.236 ng	86
66) n-Nitrosodiphenylamine	10.50	169	118000	11.717 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	33864	11.451 ng	94
68) Hexachlorobenzene	10.95	284	37242	12.036 ng	94
69) Atrazine	11.03	200	32999	11.700 ng	98
70) Pentachlorophenol	11.15	266	13721	9.167 ng	94
71) Phenanthrene	11.36	178	196763	12.142 ng	98
72) Anthracene	11.41	178	202942	12.441 ng	98
73) Carbazole	11.56	167	188744	12.147 ng	98
74) Di-n-butylphthalate	11.89	149	220910	11.090 ng	97
75) Fluoranthene	12.55	202	202549	12.718 ng	97
77) Benzidine	12.66	184	106247	12.207 ng	99
78) Pyrene	12.77	202	206945	10.491 ng	99
80) Butylbenzylphthalate	13.39	149	92867	9.681 ng	93
81) Benzo(a)anthracene	13.96	228	168826	12.021 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	58415	12.308 ng	94
83) Chrysene	13.99	228	171234	11.835 ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	121604	10.270 ng	97
85) Di-n-octyl phthalate	14.56	149	198154	10.226 ng	99
86) Indeno(1,2,3-cd)pyrene	16.85	276	137380	11.821 ng	99
88) Benzo(b)fluoranthene	15.00	252	150705	10.702 ng	99
89) Benzo(k)fluoranthene	15.03	252	152374	11.868 ng	98
90) Benzo(a)pyrene	15.36	252	138467	11.302 ng	99
91) Dibenzo(a,h)anthracene	16.86	278	107970	10.069 ng	100
92) Benzo(g,h,i)perylene	17.28	276	104838	9.586 ng	99

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

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