Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117022.D
Acq On : 13 Sep 2019 14:41
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Jagrut
9/16/2019 3:29:28 PM

Quant Time: Sep 13 15:15:49 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	6.83	152	75502	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	312096	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	158789	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	256080	20.00	ng		0.00
76) Chrysene-d12	13.98	240	163596	20.00	ng		0.00
87) Perylene-d12	15.43	264	140775	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	762998	163.72	ng		0.00
7) Phenol-d6	6.47	99	971464	158.74	ng		0.01
23) Nitrobenzene-d5	7.40	82	931802	170.44	ng		0.01
42) 2,4,6-Tribromophenol	10.65	330	207349	195.33	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1480483	157.28	ng		0.01
79) Terphenyl-d14	12.92	244	1442322	163.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	162249	75.416	ng		99
3) Pyridine	3.31	79	460594	73.943	ng		96
4) n-Nitrosodimethylamine	3.28	42	159444	74.541	ng		96
6) Aniline	6.50	93	620486	73.205	ng		99
8) 2-Chlorophenol	6.62	128	400385	78.699	ng		98
9) Benzaldehyde	6.37	77	217250	53.885	ng		96
10) Phenol	6.49	94	534056	78.810	ng		89
11) bis(2-Chloroethyl)ether	6.57	93	392706	74.426	ng		99
12) 1,3-Dichlorobenzene	6.77	146	454446	79.034	ng		100
13) 1,4-Dichlorobenzene	6.85	146	463559	80.977	ng		99
14) 1,2-Dichlorobenzene	7.00	146	427044	80.497	ng		99
15) Benzyl Alcohol	6.97	79	373851	75.259	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	392602	63.419	ng		96
17) 2-Methylphenol	7.09	107	340208	76.389	ng		94
18) Hexachloroethane	7.34	117	179751	80.820	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	297946	73.943	ng		96
20) 3+4-Methylphenols	7.25	107	412277	79.616	ng		90
22) Acetophenone	7.25	105	613735	81.682	ng	#	99
24) Nitrobenzene	7.42	77	461592	83.018	ng		97
25) Isophorone	7.66	82	824065	74.387	ng		99
26) 2-Nitrophenol	7.73	139	208995	101.102	ng		96
27) 2,4-Dimethylphenol	7.77	122	313650	75.129	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	498170	73.588	ng		100
29) 2,4-Dichlorophenol	7.97	162	326983	81.499	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	345607	79.419	ng		97
31) Naphthalene	8.13	128	1142742	77.002	ng		99
32) Benzoic acid	7.93	122	257898	109.405	ng		97
33) 4-Chloroaniline	8.18	127	508666	75.298	ng		99
34) Hexachlorobutadiene	8.25	225	198559	83.683	ng		96
35) Caprolactam	8.57	113	109222m	72.741	ng		
36) 4-Chloro-3-methylphenol	8.67	107	377915	81.954	ng		98
37) 2-Methylnaphthalene	8.82	142	766192	77.596	ng		99
38) 1-Methylnaphthalene	8.92	142	719251	77.163	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	306342	80.479	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	143447	65.259	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	218882	83.885	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	225140	83.110	ng	96
46) 1,1'-Biphenyl	9.29	154	928818	77.086	ng	99
47) 2-Chloronaphthalene	9.31	162	737892	77.320	ng	99
48) 2-Nitroaniline	9.40	65	255208	92.500	ng	91
49) Acenaphthylene	9.72	152	1107598	76.778	ng	99
50) Dimethylphthalate	9.59	163	862840	78.707	ng	100
51) 2,6-Dinitrotoluene	9.65	165	183759	87.855	ng	96
52) Acenaphthene	9.90	154	657029	74.125	ng	98
53) 3-Nitroaniline	9.82	138	224769	85.750	ng	99
54) 2,4-Dinitrophenol	9.93	184	77867	126.721	ng	93
55) Dibenzofuran	10.07	168	964425	77.182	ng	99
56) 4-Nitrophenol	9.98	139	155247	86.378	ng	96
57) 2,4-Dinitrotoluene	10.06	165	240049	93.860	ng	95
58) Fluorene	10.41	166	778774	81.795	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	176170	90.109	ng	99
60) Diethylphthalate	10.28	149	830997	75.673	ng	97
61) 4-Chlorophenyl-phenylether	10.40	204	330661	79.309	ng	99
62) 4-Nitroaniline	10.44	138	233027	91.606	ng	96
63) Azobenzene	10.56	77	859479	75.060	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	98570	113.975	ng	98
66) n-Nitrosodiphenylamine	10.52	169	676127	76.324	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	201763	77.558	ng	98
68) Hexachlorobenzene	10.96	284	219524	80.655	ng	97
69) Atrazine	11.04	200	145466	58.630	ng	100
70) Pentachlorophenol	11.15	266	116316	88.342	ng	98
71) Phenanthrene	11.37	178	1100080	77.171	ng	100
72) Anthracene	11.42	178	1129435	78.708	ng	98
73) Carbazole	11.57	167	1061039	77.624	ng	99
74) Di-n-butylphthalate	11.90	149	1272991	72.646	ng	100
75) Fluoranthene	12.55	202	1118707	79.855	ng	99
77) Benzidine	12.67	184	311170	48.494	ng	97
78) Pyrene	12.78	202	1128322	77.587	ng	99
80) Butylbenzylphthalate	13.39	149	535144	75.670	ng	96
81) Benzo(a)anthracene	13.97	228	857823	82.850	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	242259	69.236	ng	98
83) Chrysene	14.01	228	827215	77.548	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	677780	77.639	ng	99
85) Di-n-octyl phthalate	14.57	149	1009141	70.638	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	618894	72.233	ng	99
88) Benzo(b)fluoranthene	15.02	252	694048	81.547	ng	100
89) Benzo(k)fluoranthene	15.05	252	584192	75.281	ng	98
90) Benzo(a)pyrene	15.38	252	583449	78.794	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	498064	76.845	ng	99
92) Benzo(g,h,i)perylene	17.32	276	507518	76.778	ng	99

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

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