Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
Data File : BF118117.D
Acq On : 6 Dec 2019 16:22
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
12/9/2019 3:09:50 PM

Quant Time: Dec 06 17:08:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 15:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141170	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	501448	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	264407	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	489479	20.00	ng		0.00
76) Chrysene-d12	14.07	240	318187	20.00	ng		0.00
87) Perylene-d12	15.56	264	273515	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1192298	149.50	ng		0.00
7) Phenol-d6	6.51	99	1445603	150.28	ng		0.01
23) Nitrobenzene-d5	7.45	82	1400851	166.07	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	493411	176.27	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2519938	170.98	ng		0.00
79) Terphenyl-d14	13.01	244	2893602	166.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	260470	69.870	ng		100
3) Pyridine	3.38	79	669112	68.424	ng		100
4) n-Nitrosodimethylamine	3.36	42	295004	69.108	ng		97
6) Aniline	6.54	93	927799	72.988	ng		98
8) 2-Chlorophenol	6.66	128	668452	77.243	ng		97
9) Benzaldehyde	6.42	77	304959	50.752	ng		97
10) Phenol	6.53	94	829120	82.946	ng		84
11) bis(2-Chloroethyl)ether	6.62	93	606872	75.602	ng		94
12) 1,3-Dichlorobenzene	6.82	146	786385	77.186	ng		98
13) 1,4-Dichlorobenzene	6.89	146	791131	76.823	ng		98
14) 1,2-Dichlorobenzene	7.05	146	732843	74.407	ng		96
15) Benzyl Alcohol	7.02	79	568397	76.535	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	718357	58.125	ng		98
17) 2-Methylphenol	7.13	107	542873	74.077	ng		99
18) Hexachloroethane	7.39	117	294265	77.784	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	443133	74.672	ng		99
20) 3+4-Methylphenols	7.29	107	665282	73.131	ng	#	87
22) Acetophenone	7.29	105	927936	82.366	ng		95
24) Nitrobenzene	7.46	77	692878	79.621	ng		98
25) Isophorone	7.70	82	1195911	77.351	ng		99
26) 2-Nitrophenol	7.77	139	375253	88.595	ng		91
27) 2,4-Dimethylphenol	7.82	122	491343	74.653	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	765704	78.046	ng		99
29) 2,4-Dichlorophenol	8.02	162	565001	79.141	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	655621	79.172	ng		99
31) Naphthalene	8.19	128	1910448	81.723	ng		99
32) Benzoic acid	7.97	122	481309	87.338	ng		99
33) 4-Chloroaniline	8.23	127	857495	81.936	ng		99
34) Hexachlorobutadiene	8.30	225	396235	81.839	ng		99
35) Caprolactam	8.63	113	179815m	79.250	ng		
36) 4-Chloro-3-methylphenol	8.72	107	597997	82.535	ng		99
37) 2-Methylnaphthalene	8.88	142	1312933	83.123	ng		99
38) 1-Methylnaphthalene	8.98	142	1226958	82.166	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	612880	79.816	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	315742	73.375	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	413533	75.189	ng		97
44) 2,4,5-Trichlorophenol	9.20	196	428075	74.964	ng		93
46) 1,1'-Biphenyl	9.35	154	1567882	79.926	ng		98
47) 2-Chloronaphthalene	9.37	162	1284046	79.568	ng		95
48) 2-Nitroaniline	9.47	65	377503	77.484	ng		99
49) Acenaphthylene	9.79	152	1884330	80.089	ng		99
50) Dimethylphthalate	9.65	163	1507390	81.299	ng		98
51) 2,6-Dinitrotoluene	9.71	165	336665	83.080	ng		95
52) Acenaphthene	9.96	154	1146780	76.087	ng		99
53) 3-Nitroaniline	9.89	138	393625	81.179	ng		100
54) 2,4-Dinitrophenol	9.99	184	188351	104.702	ng	#	89
55) Dibenzofuran	10.13	168	1653081	79.205	ng		99
56) 4-Nitrophenol	10.05	139	278507	76.950	ng		96
57) 2,4-Dinitrotoluene	10.12	165	443025	85.945	ng		96
58) Fluorene	10.47	166	1328097	82.116	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	345629	73.664	ng		98
60) Diethylphthalate	10.35	149	1469699	81.304	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	660709	80.498	ng		97
62) 4-Nitroaniline	10.51	138	410525	84.558	ng		99
63) Azobenzene	10.63	77	1249529	75.980	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	232017	101.536	ng		97
66) n-Nitrosodiphenylamine	10.59	169	1190102	83.544	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	433393	82.060	ng	#	92
68) Hexachlorobenzene	11.03	284	518185	84.143	ng		97
69) Atrazine	11.11	200	249039	53.145	ng		98
70) Pentachlorophenol	11.22	266	253650	70.499	ng		99
71) Phenanthrene	11.45	178	1965616	79.873	ng		99
72) Anthracene	11.50	178	1944295	79.685	ng		98
73) Carbazole	11.65	167	1754444	82.284	ng		98
74) Di-n-butylphthalate	11.97	149	2169367	81.717	ng		99
75) Fluoranthene	12.64	202	2000500	84.030	ng		99
77) Benzidine	12.75	184	531263	50.973	ng		96
78) Pyrene	12.87	202	2026427	78.805	ng		100
80) Butylbenzylphthalate	13.48	149	924189	83.680	ng		99
81) Benzo(a)anthracene	14.06	228	1722752	81.933	ng		100
82) 3,3'-Dichlorobenzidine	14.02	252	486262	66.114	ng		99
83) Chrysene	14.10	228	1628875	79.947	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	1189238	88.817	ng		99
85) Di-n-octyl phthalate	14.66	149	1747033	88.814	ng		99
86) Indeno(1,2,3-cd)pyrene	17.09	276	1429387	82.430	ng		99
88) Benzo(b)fluoranthene	15.13	252	1423081	80.082	ng		98
89) Benzo(k)fluoranthene	15.16	252	1388149	82.906	ng		98
90) Benzo(a)pyrene	15.50	252	1280912	81.972	ng		100
91) Dibenzo(a,h)anthracene	17.10	278	1167247	86.785	ng		99
92) Benzo(g,h,i)perylene	17.54	276	1156737	86.347	ng		99

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

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