Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122419\
Data File : BF118303.D
Acq On : 24 Dec 2019 12:24
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Dec 24 14:48:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 14:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131214	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	518745	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	279273	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	524241	20.00	ng		0.00
76) Chrysene-d12	14.04	240	353536	20.00	ng		0.00
87) Perylene-d12	15.53	264	310860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	833112	111.21	ng		0.00
7) Phenol-d6	6.49	99	1029387	113.60	ng		0.00
23) Nitrobenzene-d5	7.42	82	967803	104.96	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	368294	108.56	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1936064	105.49	ng		0.00
79) Terphenyl-d14	12.99	244	2238434	108.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	167392	52.991	ng		99
3) Pyridine	3.34	79	463198	56.835	ng		98
4) n-Nitrosodimethylamine	3.30	42	185279	52.846	ng		100
6) Aniline	6.52	93	656739	56.659	ng		100
8) 2-Chlorophenol	6.64	128	467208	55.307	ng		98
9) Benzaldehyde	6.40	77	263480	57.173	ng		100
10) Phenol	6.50	94	584757	56.586	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	411166	55.013	ng		100
12) 1,3-Dichlorobenzene	6.79	146	539576	54.678	ng		99
13) 1,4-Dichlorobenzene	6.87	146	547996	55.148	ng		99
14) 1,2-Dichlorobenzene	7.03	146	515638	55.257	ng		98
15) Benzyl Alcohol	7.00	79	396478	56.052	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	441345	49.113	ng		98
17) 2-Methylphenol	7.11	107	376173	55.989	ng		98
18) Hexachloroethane	7.36	117	199216	54.409	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	313019	56.848	ng		98
20) 3+4-Methylphenols	7.26	107	488347	57.866	ng		92
22) Acetophenone	7.27	105	677679	54.377	ng	#	96
24) Nitrobenzene	7.45	77	486648	53.718	ng		93
25) Isophorone	7.68	82	839074	53.679	ng		99
26) 2-Nitrophenol	7.76	139	258624	53.411	ng		98
27) 2,4-Dimethylphenol	7.79	122	352586	54.589	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	552163	54.059	ng		99
29) 2,4-Dichlorophenol	8.00	162	403638	53.607	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	465076	52.852	ng		98
31) Naphthalene	8.16	128	1398365	53.675	ng		99
32) Benzoic acid	7.95	122	298291	51.149	ng		95
33) 4-Chloroaniline	8.21	127	606702	53.933	ng		99
34) Hexachlorobutadiene	8.27	225	281379	53.326	ng		99
35) Caprolactam	8.60	113	128815	55.475	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	435982	55.022	ng		99
37) 2-Methylnaphthalene	8.86	142	960091	54.434	ng		99
38) 1-Methylnaphthalene	8.96	142	902347	54.487	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	453396	53.592	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	170085	44.871 ng	97
43) 2,4,6-Trichlorophenol	9.14	196	303625	53.751 ng	99
44) 2,4,5-Trichlorophenol	9.18	196	314600	53.757 ng	98
46) 1,1'-Biphenyl	9.32	154	1178832	53.520 ng	99
47) 2-Chloronaphthalene	9.35	162	946553	53.424 ng	98
48) 2-Nitroaniline	9.45	65	271790	53.792 ng	98
49) Acenaphthylene	9.76	152	1415413	54.163 ng	99
50) Dimethylphthalate	9.62	163	1118739	54.233 ng	99
51) 2,6-Dinitrotoluene	9.69	165	244873	54.592 ng	88
52) Acenaphthene	9.94	154	861853	54.033 ng	99
53) 3-Nitroaniline	9.86	138	288541	54.661 ng	93
54) 2,4-Dinitrophenol	9.97	184	114737	51.415 ng	91
55) Dibenzofuran	10.11	168	1264556	54.106 ng	97
56) 4-Nitrophenol	10.03	139	183401	50.063 ng	93
57) 2,4-Dinitrotoluene	10.10	165	329900	55.103 ng	92
58) Fluorene	10.46	166	1027872	55.341 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	265654	55.021 ng	99
60) Diethylphthalate	10.32	149	1118921	55.054 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	509587	54.528 ng	92
62) 4-Nitroaniline	10.48	138	300789	54.634 ng	99
63) Azobenzene	10.60	77	950497	54.784 ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	157500	54.401 ng	87
66) n-Nitrosodiphenylamine	10.56	169	902163	55.107 ng	100
67) 4-Bromophenyl-phenylether	10.93	248	324244	54.182 ng	97
68) Hexachlorobenzene	11.00	284	385744	54.765 ng	98
69) Atrazine	11.09	200	271789	65.469 ng	97
70) Pentachlorophenol	11.20	266	176148	53.178 ng	98
71) Phenanthrene	11.42	178	1503158	53.938 ng	100
72) Anthracene	11.47	178	1519434	54.655 ng	99
73) Carbazole	11.63	167	1352495	54.223 ng	100
74) Di-n-butylphthalate	11.95	149	1710344	54.789 ng	99
75) Fluoranthene	12.62	202	1524174	53.494 ng	98
77) Benzidine	12.73	184	498133	53.523 ng	99
78) Pyrene	12.85	202	1542336	55.360 ng	99
80) Butylbenzylphthalate	13.46	149	690093	54.694 ng	98
81) Benzo(a)anthracene	14.04	228	1313239	53.720 ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	447204	55.702 ng	99
83) Chrysene	14.07	228	1265008	54.173 ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	923401	55.501 ng	99
85) Di-n-octyl phthalate	14.63	149	1351693	53.633 ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1060082	53.954 ng	99
88) Benzo(b)fluoranthene	15.10	252	1074257	52.252 ng	99
89) Benzo(k)fluoranthene	15.13	252	1083745	54.871 ng	100
90) Benzo(a)pyrene	15.47	252	973857	53.633 ng	99
91) Dibenzo(a,h)anthracene	17.05	278	867158	55.680 ng	98
92) Benzo(g,h,i)perylene	17.49	276	835624	55.836 ng	98

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

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