Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111320.D
Acq On : 12 Dec 2018 14:38
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF121218

Manual Integrations APPROVED
Sohil
12/13/2018 6:05:59 PM

Quant Time: Dec 12 15:10:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	300675	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1258229	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	587848	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1025949	20.00	ng		0.00
76) Chrysene-d12	13.95	240	708065	20.00	ng		0.00
87) Perylene-d12	15.39	264	579005	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1456124	81.89	ng		0.00
7) Phenol-d6	6.43	99	1893479	78.98	ng		0.00
23) Nitrobenzene-d5	7.36	82	1781657	79.81	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	411457	79.40	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2936341	80.20	ng		0.00
79) Terphenyl-d14	12.90	244	2448172	76.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	350001	39.408	ng		98
3) Pyridine	3.24	79	924040	42.352	ng		96
4) n-Nitrosodimethylamine	3.18	42	412833	40.561	ng		92
6) Aniline	6.46	93	1238116	42.691	ng		98
8) 2-Chlorophenol	6.58	128	864124	39.540	ng		98
9) Benzaldehyde	6.34	77	542795	39.624	ng		98
10) Phenol	6.44	94	1088718	40.091	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	834744	39.072	ng		96
12) 1,3-Dichlorobenzene	6.73	146	928774	39.257	ng		98
13) 1,4-Dichlorobenzene	6.81	146	944051	39.417	ng		97
14) 1,2-Dichlorobenzene	6.97	146	876792	39.572	ng		98
15) Benzyl Alcohol	6.93	79	733383	39.951	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1647049	39.794	ng		100
17) 2-Methylphenol	7.05	107	693586	39.276	ng		99
18) Hexachloroethane	7.31	117	353017	39.702	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	625340	39.255	ng		99
20) 3+4-Methylphenols	7.20	107	829414	39.384	ng		95
22) Acetophenone	7.20	105	1130054	38.665	ng	#	98
24) Nitrobenzene	7.37	77	908534	39.512	ng		97
25) Isophorone	7.62	82	1471065	38.794	ng		98
26) 2-Nitrophenol	7.69	139	465941	41.225	ng		99
27) 2,4-Dimethylphenol	7.73	122	686752	40.027	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	1014475	38.977	ng		98
29) 2,4-Dichlorophenol	7.93	162	707914	39.554	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	721634	39.241	ng		97
31) Naphthalene	8.10	128	2316160	39.510	ng		98
32) Benzoic acid	7.86	122	636388m	44.620	ng		
33) 4-Chloroaniline	8.15	127	1044588	41.724	ng		99
34) Hexachlorobutadiene	8.22	225	400525	39.260	ng		97
35) Caprolactam	8.52	113	256951m	40.973	ng		
36) 4-Chloro-3-methylphenol	8.63	107	760570	39.879	ng		99
37) 2-Methylnaphthalene	8.79	142	1489724	39.312	ng		99
38) 1-Methylnaphthalene	8.89	142	1442527	39.441	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	637849	38.602	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	323345	37.475	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	469138	39.667	ng		97
44) 2,4,5-Trichlorophenol	9.11	196	488529	39.085	ng		95
46) 1,1'-Biphenyl	9.26	154	1941905	38.717	ng		96
47) 2-Chloronaphthalene	9.28	162	1507631	39.249	ng		97
48) 2-Nitroaniline	9.37	65	508637	40.749	ng		99
49) Acenaphthylene	9.69	152	2213067	39.435	ng		97
50) Dimethylphthalate	9.56	163	1659208	39.250	ng		99
51) 2,6-Dinitrotoluene	9.62	165	392725	41.912	ng		97
52) Acenaphthene	9.87	154	1413559	39.935	ng		99
53) 3-Nitroaniline	9.78	138	464664	41.256	ng		99
54) 2,4-Dinitrophenol	9.89	184	162102	44.094	ng	#	85
55) Dibenzofuran	10.04	168	2017659	39.485	ng		97
56) 4-Nitrophenol	9.94	139	351216	43.302	ng		97
57) 2,4-Dinitrotoluene	10.02	165	507544	42.263	ng		94
58) Fluorene	10.38	166	1423169	38.933	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	384371	39.807	ng		99
60) Diethylphthalate	10.26	149	1703506	40.028	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	703758	38.835	ng		98
62) 4-Nitroaniline	10.40	138	444886	41.095	ng		97
63) Azobenzene	10.53	77	1709825	39.847	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	248125	42.126	ng		86
66) n-Nitrosodiphenylamine	10.49	169	1400248	38.368	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	443497	38.831	ng		98
68) Hexachlorobenzene	10.93	284	457699	38.917	ng		99
69) Atrazine	11.02	200	421187	39.903	ng		97
70) Pentachlorophenol	11.12	266	329510	42.103	ng		97
71) Phenanthrene	11.34	178	2058033	38.810	ng		96
72) Anthracene	11.39	178	2104396	38.973	ng		96
73) Carbazole	11.55	167	2213466	39.646	ng		96
74) Di-n-butylphthalate	11.88	149	2514407	39.553	ng		98
75) Fluoranthene	12.53	202	2056887	39.733	ng		98
77) Benzidine	12.65	184	846923	63.382	ng		98
78) Pyrene	12.76	202	2108374	38.582	ng		97
80) Butylbenzylphthalate	13.37	149	1039035	39.601	ng		98
81) Benzo(a)anthracene	13.94	228	1564170	39.482	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	593301	39.598	ng		97
83) Chrysene	13.98	228	1563349	38.678	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1267896	39.529	ng		99
85) Di-n-octyl phthalate	14.56	149	2118886	40.231	ng		99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1201806	38.016	ng		98
88) Benzo(b)fluoranthene	14.97	252	1396403	42.413	ng		99
89) Benzo(k)fluoranthene	15.00	252	1213860	36.936	ng		98
90) Benzo(a)pyrene	15.33	252	1201488	39.193	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	1002095	39.290	ng		97
92) Benzo(g,h,i)perylene	17.23	276	999272	39.187	ng		96

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

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