Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
Data File : BF117397.D
Acq On : 14 Oct 2019 13:02
Operator : JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Oct 14 14:26:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 14:19:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	47251	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	198819	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	99009	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	158723	20.00	ng	0.00
76) Chrysene-d12	13.96	240	115532	20.00	ng	0.00
87) Perylene-d12	15.42	264	92472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	248546	82.12	ng	0.00
7) Phenol-d6	6.44	99	325005	83.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	311260	82.26	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	69051	83.45	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	558842	88.25	ng	0.00
79) Terphenyl-d14	12.90	244	548891	88.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	50608	39.961	ng	100
3) Pyridine	3.26	79	135037	38.957	ng	100
4) n-Nitrosodimethylamine	3.20	42	45509	38.257	ng	100
6) Aniline	6.46	93	205301	40.768	ng	100
8) 2-Chlorophenol	6.59	128	136106	41.687	ng	100
9) Benzaldehyde	6.35	77	84324	39.483	ng	100
10) Phenol	6.45	94	175458	40.692	ng	100
11) bis(2-Chloroethyl)ether	6.53	93	135414	42.730	ng	100
12) 1,3-Dichlorobenzene	6.73	146	152365	41.587	ng	100
13) 1,4-Dichlorobenzene	6.81	146	153019	40.926	ng	100
14) 1,2-Dichlorobenzene	6.96	146	146201	41.999	ng	100
15) Benzyl Alcohol	6.95	79	125346	41.790	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	137566	43.937	ng	100
17) 2-Methylphenol	7.06	107	109672	40.080	ng	100
18) Hexachloroethane	7.30	117	59879	41.630	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	101245	42.510	ng	100
20) 3+4-Methylphenols	7.22	107	144373	42.358	ng	100
22) Acetophenone	7.21	105	208683	41.312	ng	100
24) Nitrobenzene	7.38	77	155436	41.596	ng	100
25) Isophorone	7.62	82	274349	40.949	ng	100
26) 2-Nitrophenol	7.70	139	71144	44.324	ng	100
27) 2,4-Dimethylphenol	7.74	122	103889	40.815	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	172160	41.707	ng	100
29) 2,4-Dichlorophenol	7.95	162	110666	41.494	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	118325	41.065	ng	100
31) Naphthalene	8.10	128	399716	41.803	ng	100
32) Benzoic acid	7.89	122	62534	34.931	ng	100
33) 4-Chloroaniline	8.15	127	172781	40.740	ng	100
34) Hexachlorobutadiene	8.22	225	67015	40.994	ng	100
35) Caprolactam	8.53	113	35581	39.415	ng	100
36) 4-Chloro-3-methylphenol	8.64	107	124761	40.118	ng	100
37) 2-Methylnaphthalene	8.79	142	271307	42.135	ng	100
38) 1-Methylnaphthalene	8.89	142	251558	41.714	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	109120	42.680	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	15987	16.625	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	69486	40.049	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	75187	40.560	ng	100
46) 1,1'-Biphenyl	9.25	154	334366	43.054	ng	100
47) 2-Chloronaphthalene	9.28	162	259831	42.392	ng	100
48) 2-Nitroaniline	9.38	65	83656	42.552	ng	100
49) Acenaphthylene	9.69	152	386559	42.100	ng	100
50) Dimethylphthalate	9.55	163	293135	41.815	ng	100
51) 2,6-Dinitrotoluene	9.62	165	61168	42.841	ng	100
52) Acenaphthene	9.86	154	231521	42.536	ng	100
53) 3-Nitroaniline	9.79	138	74664	41.447	ng	100
54) 2,4-Dinitrophenol	9.92	184	24554	48.584	ng	100
55) Dibenzofuran	10.03	168	339959	42.333	ng	100
56) 4-Nitrophenol	9.98	139	31387	26.883	ng	100
57) 2,4-Dinitrotoluene	10.03	165	82838	44.697	ng	100
58) Fluorene	10.38	166	280625	43.380	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	54709	38.566	ng	100
60) Diethylphthalate	10.24	149	292803	42.454	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	127051	45.394	ng	100
62) 4-Nitroaniline	10.41	138	78311	41.802	ng	100
63) Azobenzene	10.53	77	300563	42.669	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	32965	49.485	ng	100
66) n-Nitrosodiphenylamine	10.49	169	236770	43.193	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	71882	44.346	ng	100
68) Hexachlorobenzene	10.93	284	75876	42.797	ng	100
69) Atrazine	11.02	200	46045	34.196	ng	100
70) Pentachlorophenol	11.13	266	22780	27.411	ng	100
71) Phenanthrene	11.34	178	388083	43.047	ng	100
72) Anthracene	11.39	178	402077	43.685	ng	100
73) Carbazole	11.55	167	366565	41.958	ng	100
74) Di-n-butylphthalate	11.87	149	485285	46.687	ng	100
75) Fluoranthene	12.53	202	389067	42.001	ng	100
77) Benzidine	12.65	184	144426	38.808	ng	100
78) Pyrene	12.76	202	394049	40.649	ng	100
80) Butylbenzylphthalate	13.37	149	197088	43.027	ng	100
81) Benzo(a)anthracene	13.95	228	319328	41.370	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	101477	40.797	ng	100
83) Chrysene	13.99	228	316536	42.046	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	278105	47.089	ng	100
85) Di-n-octyl phthalate	14.54	149	443008	47.658	ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	203818	37.109	ng	100
88) Benzo(b)fluoranthene	15.00	252	246685	44.040	ng	100
89) Benzo(k)fluoranthene	15.02	252	234564	44.207	ng	100
90) Benzo(a)pyrene	15.36	252	208884	42.497	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	169664	43.329	ng	100
92) Benzo(g,h,i)perylene	17.30	276	160612	41.162	ng	100

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

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