Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115451.D
Acq On : 10 Jul 2019 13:05
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 10 16:51:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	192896	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	791972	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	392040	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	751687	20.00	ng	0.00
76) Chrysene-d12	14.07	240	518305	20.00	ng	0.00
87) Perylene-d12	15.56	264	510821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	923034	73.93	ng	0.00
7) Phenol-d6	6.52	99	1183156	74.51	ng	0.00
23) Nitrobenzene-d5	7.46	82	1060024	79.08	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	353917	81.65	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1814310	81.21	ng	0.00
79) Terphenyl-d14	13.01	244	2003029	79.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	228659	37.339	ng	100
3) Pyridine	3.46	79	626489	36.997	ng	100
4) n-Nitrosodimethylamine	3.42	42	230547	33.575	ng	100
6) Aniline	6.56	93	834501	37.243	ng	100
8) 2-Chlorophenol	6.68	128	540917	38.370	ng	100
9) Benzaldehyde	6.45	77	377159	41.458	ng	100
10) Phenol	6.54	94	702503	36.978	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	520576	36.937	ng	100
12) 1,3-Dichlorobenzene	6.84	146	583599	37.786	ng	100
13) 1,4-Dichlorobenzene	6.92	146	590534	38.171	ng	100
14) 1,2-Dichlorobenzene	7.07	146	545610	38.092	ng	100
15) Benzyl Alcohol	7.03	79	473058	37.127	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	699767	35.510	ng	100
17) 2-Methylphenol	7.15	107	449426	37.212	ng	100
18) Hexachloroethane	7.42	117	219271	38.047	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	377290	35.122	ng	100
20) 3+4-Methylphenols	7.30	107	532916	37.355	ng	100
22) Acetophenone	7.30	105	700774	36.927	ng	100
24) Nitrobenzene	7.48	77	590163	38.985	ng	100
25) Isophorone	7.72	82	1057523	36.398	ng	100
26) 2-Nitrophenol	7.79	139	289147	46.459	ng	100
27) 2,4-Dimethylphenol	7.83	122	422924	35.637	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	660181	36.849	ng	100
29) 2,4-Dichlorophenol	8.03	162	454935	38.488	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	514698	39.114	ng	100
31) Naphthalene	8.20	128	1505433	38.270	ng	100
32) Benzoic acid	7.95	122	295286	35.898	ng	100
33) 4-Chloroaniline	8.25	127	676706	38.556	ng	100
34) Hexachlorobutadiene	8.33	225	297429	39.856	ng	100
35) Caprolactam	8.62	113	145070	37.683	ng	100
36) 4-Chloro-3-methylphenol	8.73	107	478962	38.309	ng	100
37) 2-Methylnaphthalene	8.89	142	997699	37.945	ng	100
38) 1-Methylnaphthalene	8.99	142	953541	38.009	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	457036	40.523	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	254950	39.002	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	332228	40.461	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	343263	40.316	ng	100
46) 1,1'-Biphenyl	9.36	154	1200405	38.949	ng	100
47) 2-Chloronaphthalene	9.39	162	1001112	39.302	ng	100
48) 2-Nitroaniline	9.47	65	309875	41.406	ng	100
49) Acenaphthylene	9.80	152	1493940	38.737	ng	100
50) Dimethylphthalate	9.66	163	1152472	39.166	ng	100
51) 2,6-Dinitrotoluene	9.72	165	262497	41.133	ng	100
52) Acenaphthene	9.97	154	945166	38.941	ng	100
53) 3-Nitroaniline	9.89	138	305288	41.188	ng	100
54) 2,4-Dinitrophenol	9.99	184	112000	45.430	ng	100
55) Dibenzofuran	10.15	168	1320449	38.620	ng	100
56) 4-Nitrophenol	10.03	139	241117	42.046	ng	100
57) 2,4-Dinitrotoluene	10.12	165	349704	43.119	ng	100
58) Fluorene	10.49	166	972715	36.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	294842	40.087	ng	100
60) Diethylphthalate	10.36	149	1099254	37.953	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	501041	38.088	ng	100
62) 4-Nitroaniline	10.50	138	302772	41.615	ng	100
63) Azobenzene	10.64	77	1090158	36.514	ng	100
65) 4,6-Dinitro-2-methylphenol	10.53	198	163465	45.839	ng	100
66) n-Nitrosodiphenylamine	10.59	169	920461	38.864	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	329874	39.110	ng	100
68) Hexachlorobenzene	11.04	284	379802	40.129	ng	100
69) Atrazine	11.12	200	290015	39.567	ng	100
70) Pentachlorophenol	11.23	266	231862	40.198	ng	100
71) Phenanthrene	11.45	178	1502021	37.994	ng	100
72) Anthracene	11.50	178	1537880	38.793	ng	100
73) Carbazole	11.65	167	1389658	38.317	ng	100
74) Di-n-butylphthalate	11.99	149	1644137	37.511	ng	100
75) Fluoranthene	12.63	202	1590505	38.210	ng	100
77) Benzidine	12.75	184	702815	34.772	ng	100
78) Pyrene	12.86	202	1614687	40.061	ng	100
80) Butylbenzylphthalate	13.48	149	698879	39.685	ng	100
81) Benzo(a)anthracene	14.06	228	1315263	39.605	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	494829	41.064	ng	100
83) Chrysene	14.10	228	1338043	39.213	ng	100
84) Bis(2-ethylhexyl)phthalate	14.05	149	851587	39.048	ng	100
85) Di-n-octyl phthalate	14.68	149	1458171	37.558	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	1157817	40.892	ng	100
88) Benzo(b)fluoranthene	15.13	252	1253006	37.674	ng	100
89) Benzo(k)fluoranthene	15.16	252	1171947	39.622	ng	100
90) Benzo(a)pyrene	15.50	252	1114032	38.835	ng	100
91) Dibenzo(a,h)anthracene	17.08	278	948842	38.708	ng	100
92) Benzo(g,h,i)perylene	17.51	276	922136	39.744	ng	100

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

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