Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117019.D
Acq On : 13 Sep 2019 13:22
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Sep 13 14:49:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 14:40:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77721	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	322004	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	163009	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	273975	20.00	ng	0.00
76) Chrysene-d12	13.97	240	206918	20.00	ng	0.00
87) Perylene-d12	15.42	264	185062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	387628	80.80	ng	0.00
7) Phenol-d6	6.46	99	492154	78.13	ng	0.00
23) Nitrobenzene-d5	7.39	82	469838	83.30	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	104957	96.31	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	795274	82.30	ng	0.00
79) Terphenyl-d14	12.92	244	797030	71.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	79003	35.674	ng	100
3) Pyridine	3.30	79	222793	34.745	ng	100
4) n-Nitrosodimethylamine	3.25	42	73669	33.457	ng	100
6) Aniline	6.49	93	319305	36.596	ng	100
8) 2-Chlorophenol	6.61	128	206920	39.511	ng	100
9) Benzaldehyde	6.37	77	134197	32.335	ng	100
10) Phenol	6.47	94	273014	39.138	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	195249	35.947	ng	100
12) 1,3-Dichlorobenzene	6.76	146	230941	39.017	ng	100
13) 1,4-Dichlorobenzene	6.84	146	238322	40.443	ng	100
14) 1,2-Dichlorobenzene	7.00	146	221190	40.504	ng	100
15) Benzyl Alcohol	6.96	79	191931	37.534	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	197761	31.033	ng	100
17) 2-Methylphenol	7.08	107	169801	37.038	ng	100
18) Hexachloroethane	7.33	117	90760	39.643	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	147414	35.540	ng	100
20) 3+4-Methylphenols	7.23	107	213241	40.004	ng	100
22) Acetophenone	7.23	105	306471	39.533	ng	100
24) Nitrobenzene	7.40	77	230931	40.255	ng	100
25) Isophorone	7.65	82	402063	35.177	ng	100
26) 2-Nitrophenol	7.72	139	100469	47.107	ng	100
27) 2,4-Dimethylphenol	7.76	122	156338	36.295	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	248600	35.592	ng	100
29) 2,4-Dichlorophenol	7.96	162	167346	40.427	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	177093	39.443	ng	100
31) Naphthalene	8.13	128	592407	38.690	ng	100
32) Benzoic acid	7.89	122	106754	43.894	ng	100
33) 4-Chloroaniline	8.17	127	262615	37.679	ng	100
34) Hexachlorobutadiene	8.25	225	101096	41.296	ng	100
35) Caprolactam	8.54	113	54859	35.412	ng	100
36) 4-Chloro-3-methylphenol	8.66	107	189764	39.886	ng	100
37) 2-Methylnaphthalene	8.82	142	394741	38.747	ng	100
38) 1-Methylnaphthalene	8.92	142	368950	38.364	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	160321	41.028	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	57595	25.524 ng	100
43) 2,4,6-Trichlorophenol	9.09	196	109187	40.762 ng	100
44) 2,4,5-Trichlorophenol	9.13	196	114201	41.066 ng	100
46) 1,1'-Biphenyl	9.27	154	484344	39.157 ng	100
47) 2-Chloronaphthalene	9.30	162	382698	39.063 ng	100
48) 2-Nitroaniline	9.40	65	121648	42.950 ng	100
49) Acenaphthylene	9.72	152	581041	39.235 ng	100
50) Dimethylphthalate	9.57	163	439054	39.013 ng	100
51) 2,6-Dinitrotoluene	9.64	165	89439	41.654 ng	100
52) Acenaphthene	9.89	154	343291	37.727 ng	100
53) 3-Nitroaniline	9.81	138	114323	42.485 ng	100
54) 2,4-Dinitrophenol	9.92	184	30296	48.027 ng	100
55) Dibenzofuran	10.06	168	504674	39.343 ng	100
56) 4-Nitrophenol	9.97	139	74659	40.464 ng	100
57) 2,4-Dinitrotoluene	10.05	165	119119	45.370 ng	100
58) Fluorene	10.40	166	408032	41.746 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	91857	45.768 ng	100
60) Diethylphthalate	10.27	149	434991	38.586 ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	178829	41.782 ng	100
62) 4-Nitroaniline	10.42	138	119363	45.708 ng	100
63) Azobenzene	10.55	77	442450	37.640 ng	100
65) 4,6-Dinitro-2-methylphenol	10.46	198	42535	45.970 ng	100
66) n-Nitrosodiphenylamine	10.51	169	351576	37.095 ng	100
67) 4-Bromophenyl-phenylether	10.88	248	104631	37.593 ng	100
68) Hexachlorobenzene	10.96	284	112358	38.585 ng	100
69) Atrazine	11.03	200	94583	35.632 ng	100
70) Pentachlorophenol	11.15	266	54086	38.395 ng	100
71) Phenanthrene	11.36	178	588075	38.559 ng	100
72) Anthracene	11.42	178	601776	39.197 ng	100
73) Carbazole	11.57	167	576614	39.429 ng	100
74) Di-n-butylphthalate	11.89	149	683305	36.447 ng	100
75) Fluoranthene	12.54	202	611137	40.775 ng	100
77) Benzidine	12.66	184	255628	31.497 ng	100
78) Pyrene	12.77	202	617649	33.580 ng	100
80) Butylbenzylphthalate	13.39	149	296172	33.111 ng	100
81) Benzo(a)anthracene	13.96	228	511678	39.072 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	166791	37.687 ng	100
83) Chrysene	14.00	228	497140	36.847 ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	382327	34.626 ng	100
85) Di-n-octyl phthalate	14.56	149	619147	34.265 ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	328622	30.324 ng	100
88) Benzo(b)fluoranthene	15.00	252	407456	36.417 ng	100
89) Benzo(k)fluoranthene	15.03	252	414236	40.606 ng	100
90) Benzo(a)pyrene	15.36	252	369230	37.931 ng	100
91) Dibenzo(a,h)anthracene	16.87	278	266121	31.233 ng	100
92) Benzo(g,h,i)perylene	17.29	276	261023	30.038 ng	100

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

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