Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115557.D
Acq On : 15 Jul 2019 15:32
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 16 01:36:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	183621	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	729637	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	388949	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	715013	20.00	ng	0.00
76) Chrysene-d12	14.04	240	500332	20.00	ng	0.00
87) Perylene-d12	15.51	264	473780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	929694	82.82	ng	0.00
7) Phenol-d6	6.51	99	1190729	83.59	ng	0.00
23) Nitrobenzene-d5	7.45	82	1069644	85.24	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	363304	80.02	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1905388	85.74	ng	0.00
79) Terphenyl-d14	12.99	244	2036824	75.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	227902	40.700	ng	99
3) Pyridine	3.45	79	633594	41.705	ng	100
4) n-Nitrosodimethylamine	3.40	42	221542	40.197	ng	99
6) Aniline	6.55	93	831719	41.958	ng	99
8) 2-Chlorophenol	6.67	128	543039	42.075	ng	99
9) Benzaldehyde	6.43	77	354491	39.825	ng	95
10) Phenol	6.53	94	696227	42.105	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	520366	41.334	ng	97
12) 1,3-Dichlorobenzene	6.83	146	602184	41.498	ng	99
13) 1,4-Dichlorobenzene	6.90	146	601934	41.575	ng	96
14) 1,2-Dichlorobenzene	7.06	146	553809	41.844	ng	97
15) Benzyl Alcohol	7.02	79	479272	42.415	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	686159	41.399	ng	98
17) 2-Methylphenol	7.13	107	459195	41.285	ng	99
18) Hexachloroethane	7.40	117	221025	41.129	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	376143	40.490	ng	97
20) 3+4-Methylphenols	7.29	107	536942	40.642	ng	95
22) Acetophenone	7.29	105	707759	42.937	ng	95
24) Nitrobenzene	7.46	77	575671	42.534	ng	96
25) Isophorone	7.70	82	1025511	40.842	ng	99
26) 2-Nitrophenol	7.78	139	293847	42.181	ng	98
27) 2,4-Dimethylphenol	7.82	122	437956	42.017	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	647486	42.034	ng	99
29) 2,4-Dichlorophenol	8.02	162	446489	41.188	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	506487	41.334	ng	97
31) Naphthalene	8.19	128	1489397	42.149	ng	98
32) Benzoic acid	7.94	122	290481	33.958	ng	98
33) 4-Chloroaniline	8.23	127	659541	42.137	ng	98
34) Hexachlorobutadiene	8.31	225	295201	42.010	ng	99
35) Caprolactam	8.62	113	143364	42.798	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	475426	42.280	ng	99
37) 2-Methylnaphthalene	8.88	142	998017	42.608	ng	98
38) 1-Methylnaphthalene	8.98	142	981072	44.096	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	486992	41.578	ng	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	271663	40.660 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	349768	40.835 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	358071	40.821 ng	98
46) 1,1'-Biphenyl	9.35	154	1248715	41.066 ng	99
47) 2-Chloronaphthalene	9.37	162	1044778	41.265 ng	98
48) 2-Nitroaniline	9.46	65	324777	41.444 ng	99
49) Acenaphthylene	9.79	152	1547909	41.259 ng	99
50) Dimethylphthalate	9.65	163	1199486	40.989 ng	99
51) 2,6-Dinitrotoluene	9.70	165	276640	41.598 ng	90
52) Acenaphthene	9.96	154	1006012	41.534 ng	99
53) 3-Nitroaniline	9.87	138	314615	41.399 ng	99
54) 2,4-Dinitrophenol	9.97	184	151761	44.448 ng	93
55) Dibenzofuran	10.13	168	1381832	40.173 ng	100
56) 4-Nitrophenol	10.02	139	248605	42.899 ng	99
57) 2,4-Dinitrotoluene	10.10	165	370057	42.951 ng	96
58) Fluorene	10.47	166	977992	39.772 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307653	41.956 ng	99
60) Diethylphthalate	10.34	149	1140297	41.589 ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	514172	37.706 ng	100
62) 4-Nitroaniline	10.49	138	293928	40.321 ng	100
63) Azobenzene	10.62	77	1059721	39.847 ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	186354	42.659 ng	93
66) n-Nitrosodiphenylamine	10.58	169	912408	41.023 ng	98
67) 4-Bromophenyl-phenylether	10.95	248	335550	41.066 ng	98
68) Hexachlorobenzene	11.02	284	383654	41.115 ng	94
69) Atrazine	11.10	200	283541	38.860 ng	100
70) Pentachlorophenol	11.21	266	245159	42.956 ng	100
71) Phenanthrene	11.43	178	1519138	41.449 ng	98
72) Anthracene	11.48	178	1541800	40.705 ng	100
73) Carbazole	11.63	167	1385658	41.717 ng	99
74) Di-n-butylphthalate	11.96	149	1645752	40.225 ng	99
75) Fluoranthene	12.62	202	1593101	41.133 ng	97
77) Benzidine	12.73	184	705486	39.803 ng	100
78) Pyrene	12.84	202	1600244	37.751 ng	97
80) Butylbenzylphthalate	13.46	149	697876	38.619 ng	98
81) Benzo(a)anthracene	14.03	228	1381252	41.904 ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	516223	44.055 ng	99
83) Chrysene	14.07	228	1390922	42.035 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	916442	40.942 ng	99
85) Di-n-octyl phthalate	14.63	149	1542410	43.308 ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1014009	36.070 ng	99
88) Benzo(b)fluoranthene	15.08	252	1354871	44.411 ng	99
89) Benzo(k)fluoranthene	15.12	252	1116642	41.054 ng	97
90) Benzo(a)pyrene	15.45	252	1100573	41.973 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	854659	37.128 ng	99
92) Benzo(g,h,i)perylene	17.42	276	769894	33.535 ng	98

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

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