Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117111.D
Acq On : 17 Sep 2019 17:17
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 18 03:51:10 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 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75529	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	308406	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	159482	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	260157	20.00	ng		0.00
76) Chrysene-d12	13.97	240	178575	20.00	ng		0.00
87) Perylene-d12	15.42	264	144115	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	361111	74.64	ng		0.00
7) Phenol-d6	6.46	99	468899	75.00	ng		0.00
23) Nitrobenzene-d5	7.39	82	447079	76.17	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	102137	76.63	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	784543	76.92	ng		0.00
79) Terphenyl-d14	12.92	244	756703	79.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	72566	35.847	ng		97
3) Pyridine	3.31	79	205193	37.033	ng		95
4) n-Nitrosodimethylamine	3.26	42	66084	34.754	ng		98
6) Aniline	6.49	93	300035	37.273	ng		92
8) 2-Chlorophenol	6.62	128	195467	37.453	ng		95
9) Benzaldehyde	6.37	77	129863	42.056	ng		99
10) Phenol	6.48	94	255606	37.085	ng		89
11) bis(2-Chloroethyl)ether	6.56	93	187380	36.990	ng		99
12) 1,3-Dichlorobenzene	6.77	146	219998	37.566	ng		97
13) 1,4-Dichlorobenzene	6.84	146	225476	37.727	ng		100
14) 1,2-Dichlorobenzene	7.00	146	213940	38.448	ng		99
15) Benzyl Alcohol	6.97	79	183103	38.191	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	183682	36.701	ng		92
17) 2-Methylphenol	7.09	107	162744	37.207	ng		96
18) Hexachloroethane	7.33	117	86570	37.653	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	144153	37.865	ng		96
20) 3+4-Methylphenols	7.24	107	206346	37.874	ng	#	87
22) Acetophenone	7.23	105	301384	38.463	ng	#	98
24) Nitrobenzene	7.41	77	220465	38.034	ng		93
25) Isophorone	7.65	82	390427	37.567	ng		99
26) 2-Nitrophenol	7.72	139	100201	40.245	ng		98
27) 2,4-Dimethylphenol	7.76	122	150475	38.111	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	246389	38.480	ng		99
29) 2,4-Dichlorophenol	7.97	162	161232	38.972	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	171927	38.466	ng		97
31) Naphthalene	8.13	128	567403	38.254	ng		100
32) Benzoic acid	7.89	122	91856	33.172	ng		96
33) 4-Chloroaniline	8.17	127	251492	38.228	ng		98
34) Hexachlorobutadiene	8.25	225	99254	39.141	ng		97
35) Caprolactam	8.55	113	52081	37.192	ng		87
36) 4-Chloro-3-methylphenol	8.66	107	184064	38.156	ng		96
37) 2-Methylnaphthalene	8.82	142	383339	38.380	ng		100
38) 1-Methylnaphthalene	8.92	142	358265	38.298	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	158129	38.397	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	69854	42.457 ng	99
43) 2,4,6-Trichlorophenol	9.10	196	104667	37.451 ng	95
44) 2,4,5-Trichlorophenol	9.14	196	109690	36.735 ng	99
46) 1,1'-Biphenyl	9.27	154	475350	37.998 ng	100
47) 2-Chloronaphthalene	9.30	162	372422	37.722 ng	99
48) 2-Nitroaniline	9.40	65	124381	39.277 ng	94
49) Acenaphthylene	9.72	152	556307	37.613 ng	100
50) Dimethylphthalate	9.57	163	427228	37.834 ng	100
51) 2,6-Dinitrotoluene	9.64	165	90132	39.191 ng	93
52) Acenaphthene	9.89	154	329823	37.619 ng	98
53) 3-Nitroaniline	9.81	138	111654	38.479 ng	97
54) 2,4-Dinitrophenol	9.92	184	33933	39.422 ng	95
55) Dibenzofuran	10.06	168	490631	37.929 ng	98
56) 4-Nitrophenol	9.98	139	74504	39.617 ng	94
57) 2,4-Dinitrotoluene	10.05	165	124407	41.673 ng	95
58) Fluorene	10.40	166	398902	38.282 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	84173	36.837 ng	96
60) Diethylphthalate	10.27	149	421705	37.959 ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	176426	39.133 ng	99
62) 4-Nitroaniline	10.42	138	115253	38.193 ng	96
63) Azobenzene	10.55	77	423685	37.341 ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	44433	38.996 ng	90
66) n-Nitrosodiphenylamine	10.51	169	343718	38.256 ng	100
67) 4-Bromophenyl-phenylether	10.88	248	102141	38.445 ng	96
68) Hexachlorobenzene	10.96	284	110954	38.182 ng	94
69) Atrazine	11.03	200	87350	37.312 ng	99
70) Pentachlorophenol	11.15	266	44064	32.349 ng	96
71) Phenanthrene	11.36	178	554104	37.498 ng	99
72) Anthracene	11.41	178	570744	37.833 ng	99
73) Carbazole	11.57	167	543590	37.961 ng	100
74) Di-n-butylphthalate	11.89	149	655741	38.489 ng	99
75) Fluoranthene	12.54	202	572836	37.728 ng	100
77) Benzidine	12.66	184	231602	40.262 ng	99
78) Pyrene	12.77	202	571740	38.157 ng	100
80) Butylbenzylphthalate	13.38	149	278275	39.304 ng	97
81) Benzo(a)anthracene	13.96	228	449424	37.669 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	151461	39.395 ng	98
83) Chrysene	14.00	228	445588	38.293 ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	365988	40.092 ng	99
85) Di-n-octyl phthalate	14.56	149	583157	40.587 ng	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	279458	32.918 ng	98
88) Benzo(b)fluoranthene	15.00	252	366924	42.032 ng	99
89) Benzo(k)fluoranthene	15.03	252	320774	38.791 ng	99
90) Benzo(a)pyrene	15.36	252	301743	39.390 ng	98
91) Dibenzo(a,h)anthracene	16.87	278	227959	37.355 ng	96
92) Benzo(g,h,i)perylene	17.30	276	218446	35.922 ng	98

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

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