Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114890.D
Acq On : 7 Jun 2019 10:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 08 05:12:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	270932	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1093896	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	526473	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1024687	20.00	ng		0.00
76) Chrysene-d12	13.79	240	671683	20.00	ng		0.00
87) Perylene-d12	15.16	264	718142	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1464462	94.45	ng		0.00
7) Phenol-d6	6.30	99	1811840	96.03	ng		0.00
23) Nitrobenzene-d5	7.23	82	1575740	88.67	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	485067	85.50	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	2666826	94.89	ng		0.00
79) Terphenyl-d14	12.74	244	2619369	75.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	351944	47.541	ng		99
3) Pyridine	2.98	79	951441	46.765	ng		98
4) n-Nitrosodimethylamine	2.93	42	351986	47.272	ng		99
6) Aniline	6.32	93	1236715	46.196	ng	#	81
8) 2-Chlorophenol	6.45	128	822400	45.906	ng		99
9) Benzaldehyde	6.20	77	510056	38.974	ng		98
10) Phenol	6.32	94	1004562	46.560	ng		99
11) bis(2-Chloroethyl)ether	6.40	93	731423	43.438	ng		99
12) 1,3-Dichlorobenzene	6.60	146	925002	44.311	ng		99
13) 1,4-Dichlorobenzene	6.68	146	932435	44.391	ng		99
14) 1,2-Dichlorobenzene	6.83	146	871343	45.932	ng		99
15) Benzyl Alcohol	6.81	79	648962	45.485	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1008475	41.877	ng		100
17) 2-Methylphenol	6.93	107	682606	44.576	ng		99
18) Hexachloroethane	7.18	117	327945	41.480	ng		93
19) n-Nitroso-di-n-propylamine	7.09	70	506171	40.529	ng		100
20) 3+4-Methylphenols	7.08	107	780280	46.198	ng		96
22) Acetophenone	7.07	105	1056282	43.859	ng	#	97
24) Nitrobenzene	7.25	77	831836	45.186	ng		99
25) Isophorone	7.49	82	1424105	40.538	ng		97
26) 2-Nitrophenol	7.56	139	452918	45.425	ng		98
27) 2,4-Dimethylphenol	7.60	122	656333	43.309	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	914323	40.715	ng		99
29) 2,4-Dichlorophenol	7.80	162	691351	43.362	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	778912	42.577	ng		100
31) Naphthalene	7.97	128	2242671	45.539	ng		98
32) Benzoic acid	7.73	122	498047	45.123	ng		99
33) 4-Chloroaniline	8.02	127	1072184	45.637	ng		99
34) Hexachlorobutadiene	8.09	225	419041	40.289	ng		99
35) Caprolactam	8.39	113	240940	46.260	ng		92
36) 4-Chloro-3-methylphenol	8.50	107	701301	44.204	ng		97
37) 2-Methylnaphthalene	8.66	142	1496500	43.810	ng		99
38) 1-Methylnaphthalene	8.75	142	1432684	44.227	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	667717	44.009	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	359934	39.116 ng	99
43) 2,4,6-Trichlorophenol	8.93	196	507835	43.045 ng	98
44) 2,4,5-Trichlorophenol	8.97	196	516608	43.480 ng	95
46) 1,1'-Biphenyl	9.12	154	1785402	45.757 ng	97
47) 2-Chloronaphthalene	9.14	162	1511394	45.585 ng	97
48) 2-Nitroaniline	9.23	65	459102	46.400 ng	99
49) Acenaphthylene	9.55	152	2240668	46.601 ng	98
50) Dimethylphthalate	9.42	163	1645224	42.787 ng	100
51) 2,6-Dinitrotoluene	9.47	165	391299	43.271 ng	92
52) Acenaphthene	9.72	154	1426538	45.292 ng	99
53) 3-Nitroaniline	9.65	138	499330	47.267 ng	98
54) 2,4-Dinitrophenol	9.75	184	197776	48.332 ng	96
55) Dibenzofuran	9.90	168	1916911	43.768 ng	95
56) 4-Nitrophenol	9.80	139	374074	48.325 ng	96
57) 2,4-Dinitrotoluene	9.88	165	525547	46.230 ng	98
58) Fluorene	10.23	166	1389087	50.640 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	416651	42.803 ng	100
60) Diethylphthalate	10.12	149	1593389	41.296 ng	98
61) 4-Chlorophenyl-phenylether	10.23	204	679354	40.499 ng	99
62) 4-Nitroaniline	10.25	138	505190	49.305 ng	99
63) Azobenzene	10.39	77	1448991	44.118 ng	97
65) 4,6-Dinitro-2-methylphenol	10.29	198	252168	47.375 ng	99
66) n-Nitrosodiphenylamine	10.35	169	1316151	42.478 ng	99
67) 4-Bromophenyl-phenylether	10.72	248	465236	39.976 ng	97
68) Hexachlorobenzene	10.79	284	518386	40.700 ng	99
69) Atrazine	10.87	200	400437	37.160 ng	99
70) Pentachlorophenol	10.97	266	311527	42.309 ng	99
71) Phenanthrene	11.19	178	2215558	45.292 ng	98
72) Anthracene	11.24	178	2261025	43.920 ng	98
73) Carbazole	11.39	167	2086845	47.287 ng	99
74) Di-n-butylphthalate	11.73	149	2277356	39.234 ng	98
75) Fluoranthene	12.37	202	2303686	45.247 ng	98
77) Benzidine	12.49	184	1188032	35.728 ng	98
78) Pyrene	12.59	202	2346280	40.266 ng	98
80) Butylbenzylphthalate	13.22	149	1051549	35.737 ng	94
81) Benzo(a)anthracene	13.77	228	2118769	40.935 ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	827489	39.426 ng	99
83) Chrysene	13.81	228	2070893	41.128 ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1218893	32.759 ng	99
85) Di-n-octyl phthalate	14.39	149	2202859	34.843 ng	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	1874211	32.623 ng	99
88) Benzo(b)fluoranthene	14.78	252	2029550	44.393 ng	98
89) Benzo(k)fluoranthene	14.80	252	1736497	44.727 ng	99
90) Benzo(a)pyrene	15.10	252	1733730	43.813 ng	99
91) Dibenzo(a,h)anthracene	16.48	278	1513611	40.391 ng	99
92) Benzo(g,h,i)perylene	16.86	276	1545317	41.007 ng	99

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

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