Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
Data File : BF117423.D
Acq On : 17 Oct 2019 15:43
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 18 03:53:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	51706	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	223439	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	114724	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	178270	20.00	ng		0.00
76) Chrysene-d12	13.96	240	124006	20.00	ng		0.00
87) Perylene-d12	15.42	264	104488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	284515	84.66	ng		0.00
7) Phenol-d6	6.44	99	365094	81.88	ng		0.00
23) Nitrobenzene-d5	7.36	82	357024	81.00	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	75225	80.57	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	642235	81.61	ng		0.00
79) Terphenyl-d14	12.90	244	598969	78.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	58290	42.134	ng		97
3) Pyridine	3.26	79	150933	42.870	ng		97
4) n-Nitrosodimethylamine	3.22	42	51741	41.704	ng	#	87
6) Aniline	6.46	93	227101	40.772	ng		94
8) 2-Chlorophenol	6.59	128	154297	41.298	ng		97
9) Benzaldehyde	6.35	77	94579	44.301	ng		93
10) Phenol	6.45	94	195375	40.588	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	143933	39.329	ng		99
12) 1,3-Dichlorobenzene	6.73	146	173179	41.449	ng		99
13) 1,4-Dichlorobenzene	6.81	146	176330	41.401	ng		96
14) 1,2-Dichlorobenzene	6.96	146	163975	40.761	ng		99
15) Benzyl Alcohol	6.95	79	138559	40.618	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	159835	41.593	ng		97
17) 2-Methylphenol	7.06	107	125718	40.307	ng		97
18) Hexachloroethane	7.30	117	67546	40.791	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	117943	41.486	ng		97
20) 3+4-Methylphenols	7.22	107	164627	40.992	ng		97
22) Acetophenone	7.21	105	236559	40.346	ng		99
24) Nitrobenzene	7.38	77	171712	38.889	ng		99
25) Isophorone	7.62	82	315341	40.160	ng		100
26) 2-Nitrophenol	7.70	139	79866	40.768	ng		99
27) 2,4-Dimethylphenol	7.73	122	117748	39.547	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	198414	40.761	ng		97
29) 2,4-Dichlorophenol	7.95	162	125682	40.910	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	134955	40.749	ng		96
31) Naphthalene	8.10	128	451218	40.437	ng		100
32) Benzoic acid	7.90	122	59518	32.285	ng		92
33) 4-Chloroaniline	8.15	127	191454	40.400	ng		99
34) Hexachlorobutadiene	8.21	225	76786	40.482	ng		95
35) Caprolactam	8.53	113	39126	40.668	ng		94
36) 4-Chloro-3-methylphenol	8.64	107	140004	40.050	ng		99
37) 2-Methylnaphthalene	8.79	142	304022	40.348	ng		98
38) 1-Methylnaphthalene	8.89	142	282946	39.855	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	123192	39.899	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	17997	31.214 ng	95
43) 2,4,6-Trichlorophenol	9.07	196	78365	40.105 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	77096	38.681 ng	97
46) 1,1'-Biphenyl	9.25	154	376375	40.158 ng	97
47) 2-Chloronaphthalene	9.28	162	294195	40.267 ng	99
48) 2-Nitroaniline	9.38	65	94158	40.392 ng	97
49) Acenaphthylene	9.69	152	431767	40.312 ng	99
50) Dimethylphthalate	9.55	163	330670	40.134 ng	100
51) 2,6-Dinitrotoluene	9.62	165	70465	40.689 ng	99
52) Acenaphthene	9.86	154	262421	40.322 ng	100
53) 3-Nitroaniline	9.80	138	84558	39.984 ng	87
54) 2,4-Dinitrophenol	9.92	184	26932	38.892 ng	94
55) Dibenzofuran	10.03	168	381788	40.215 ng	99
56) 4-Nitrophenol	9.98	139	30057	34.664 ng	95
57) 2,4-Dinitrotoluene	10.03	165	91223	39.921 ng	93
58) Fluorene	10.38	166	320882	40.593 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	60355	39.171 ng	99
60) Diethylphthalate	10.25	149	339207	40.843 ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	143643	41.043 ng	100
62) 4-Nitroaniline	10.42	138	82838	41.207 ng	97
63) Azobenzene	10.53	77	346749	40.690 ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	35191	38.163 ng	98
66) n-Nitrosodiphenylamine	10.49	169	272723	40.952 ng	97
67) 4-Bromophenyl-phenylether	10.86	248	80891	41.369 ng	95
68) Hexachlorobenzene	10.93	284	83358	39.696 ng	100
69) Atrazine	11.02	200	50087	46.382 ng	97
70) Pentachlorophenol	11.14	266	21585	34.359 ng	94
71) Phenanthrene	11.34	178	430024	40.806 ng	99
72) Anthracene	11.39	178	440237	40.467 ng	99
73) Carbazole	11.55	167	406743	41.160 ng	100
74) Di-n-butylphthalate	11.87	149	546909	40.872 ng	99
75) Fluoranthene	12.53	202	426650	40.716 ng	99
77) Benzidine	12.65	184	148766	48.506 ng	98
78) Pyrene	12.76	202	431029	39.322 ng	99
80) Butylbenzylphthalate	13.37	149	221986	40.274 ng	97
81) Benzo(a)anthracene	13.95	228	342532	40.257 ng	98
82) 3,3'-Dichlorobenzidine	13.91	252	106543	39.605 ng	99
83) Chrysene	13.99	228	337453	40.217 ng	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	318656	41.002 ng	98
85) Di-n-octyl phthalate	14.53	149	509646	43.074 ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	225950	38.511 ng	99
88) Benzo(b)fluoranthene	15.00	252	270295	41.553 ng	99
89) Benzo(k)fluoranthene	15.02	252	251863	38.961 ng	99
90) Benzo(a)pyrene	15.36	252	230301	39.982 ng	98
91) Dibenzo(a,h)anthracene	16.87	278	189202	38.332 ng	99
92) Benzo(g,h,i)perylene	17.31	276	171092	36.416 ng	97

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

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