Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117449.D
Acq On : 21 Oct 2019 15:54
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 22 01:52:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	44809	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	186191	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	93885	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	154472	20.00	ng		0.00
76) Chrysene-d12	13.90	240	113410	20.00	ng		0.00
87) Perylene-d12	15.33	264	103818	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	252968	83.99	ng		0.00
7) Phenol-d6	6.38	99	337243	83.36	ng		0.00
23) Nitrobenzene-d5	7.30	82	313848	83.22	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	67539	83.14	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	558734	83.85	ng		0.00
79) Terphenyl-d14	12.83	244	533202	76.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	52636	41.566	ng		99
3) Pyridine	3.12	79	133566	43.086	ng		98
4) n-Nitrosodimethylamine	3.07	42	46754	41.573	ng		100
6) Aniline	6.40	93	198235	41.740	ng	#	71
8) 2-Chlorophenol	6.52	128	130860	41.174	ng		98
9) Benzaldehyde	6.29	77	86656	45.653	ng		96
10) Phenol	6.39	94	174713	42.315	ng		85
11) bis(2-Chloroethyl)ether	6.47	93	128449	42.060	ng		99
12) 1,3-Dichlorobenzene	6.67	146	144803	40.827	ng		99
13) 1,4-Dichlorobenzene	6.75	146	148955	41.400	ng		100
14) 1,2-Dichlorobenzene	6.90	146	140993	41.572	ng		97
15) Benzyl Alcohol	6.89	79	120799	41.796	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	135222	41.045	ng		87
17) 2-Methylphenol	7.00	107	112152	42.896	ng		99
18) Hexachloroethane	7.24	117	57876	41.212	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	100420	40.646	ng		96
20) 3+4-Methylphenols	7.16	107	142550	41.585	ng		94
22) Acetophenone	7.15	105	207356	41.940	ng		99
24) Nitrobenzene	7.32	77	152704	42.273	ng		100
25) Isophorone	7.56	82	271914	41.676	ng		97
26) 2-Nitrophenol	7.64	139	66136	41.050	ng		98
27) 2,4-Dimethylphenol	7.68	122	100712	41.828	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	168552	41.867	ng		99
29) 2,4-Dichlorophenol	7.89	162	105500	41.775	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	113599	41.916	ng		99
31) Naphthalene	8.04	128	384041	41.613	ng		99
32) Benzoic acid	7.84	122	66834	40.526	ng		97
33) 4-Chloroaniline	8.09	127	161812	41.545	ng		98
34) Hexachlorobutadiene	8.16	225	63556	40.517	ng		94
35) Caprolactam	8.47	113	35602	43.884	ng		93
36) 4-Chloro-3-methylphenol	8.58	107	120756	41.926	ng		98
37) 2-Methylnaphthalene	8.73	142	254963	41.000	ng		99
38) 1-Methylnaphthalene	8.83	142	245372	41.990	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	108871	43.054	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	19251	39.739	ng	97
43) 2,4,6-Trichlorophenol	9.02	196	66104	41.745	ng	93
44) 2,4,5-Trichlorophenol	9.06	196	67527	42.083	ng	96
46) 1,1'-Biphenyl	9.19	154	323880	41.670	ng	99
47) 2-Chloronaphthalene	9.22	162	250114	42.680	ng	99
48) 2-Nitroaniline	9.32	65	81439	42.332	ng	97
49) Acenaphthylene	9.63	152	365886	42.507	ng	98
50) Dimethylphthalate	9.49	163	282170	42.159	ng	99
51) 2,6-Dinitrotoluene	9.56	165	59376	42.513	ng	99
52) Acenaphthene	9.80	154	224324	42.477	ng	96
53) 3-Nitroaniline	9.73	138	71353	42.106	ng	98
54) 2,4-Dinitrophenol	9.86	184	16944	32.178	ng	96
55) Dibenzofuran	9.97	168	322401	42.137	ng	99
56) 4-Nitrophenol	9.92	139	28812	39.159	ng	99
57) 2,4-Dinitrotoluene	9.97	165	80434	43.316	ng	98
58) Fluorene	10.32	166	270845	42.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	48379	38.360	ng	91
60) Diethylphthalate	10.19	149	285673	42.199	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	121429	42.775	ng	97
62) 4-Nitroaniline	10.35	138	70425	44.091	ng	99
63) Azobenzene	10.47	77	294583	42.508	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	29209	37.191	ng	94
66) n-Nitrosodiphenylamine	10.43	169	227241	40.240	ng	97
67) 4-Bromophenyl-phenylether	10.79	248	68437	41.132	ng	94
68) Hexachlorobenzene	10.87	284	72118	40.473	ng	94
69) Atrazine	10.95	200	54788	38.133	ng	98
70) Pentachlorophenol	11.07	266	19048	35.659	ng	99
71) Phenanthrene	11.27	178	370484	41.304	ng	99
72) Anthracene	11.33	178	381167	41.416	ng	100
73) Carbazole	11.49	167	352853	41.953	ng	99
74) Di-n-butylphthalate	11.81	149	449693	40.015	ng	99
75) Fluoranthene	12.46	202	374744	41.734	ng	100
77) Benzidine	12.59	184	148683	49.353	ng	98
78) Pyrene	12.69	202	383816	39.401	ng	99
80) Butylbenzylphthalate	13.30	149	187928	38.768	ng	100
81) Benzo(a)anthracene	13.89	228	316247	41.340	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	103317	43.040	ng	98
83) Chrysene	13.92	228	309230	41.245	ng	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	262752	38.695	ng	97
85) Di-n-octyl phthalate	14.49	149	418786	40.112	ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	221393	39.551	ng	99
88) Benzo(b)fluoranthene	14.93	252	254822	41.566	ng	97
89) Benzo(k)fluoranthene	14.96	252	256754	40.862	ng	96
90) Benzo(a)pyrene	15.27	252	228964	41.078	ng	95
91) Dibenzo(a,h)anthracene	16.74	278	186651	38.727	ng	100
92) Benzo(g,h,i)perylene	17.16	276	166019	36.406	ng	99

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

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