Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116919.D
Acq On : 10 Sep 2019 14:16
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 10 17:55:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88219	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	362550	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	183079	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	297900	20.00	ng		0.00
76) Chrysene-d12	13.99	240	196822	20.00	ng		0.00
87) Perylene-d12	15.43	264	171641	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	467767	85.90	ng		0.00
7) Phenol-d6	6.47	99	602758	84.30	ng		0.00
23) Nitrobenzene-d5	7.40	82	587514	92.51	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	132297	108.09	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	988274	91.06	ng		0.00
79) Terphenyl-d14	12.93	244	931068	87.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	96951	38.568	ng		95
3) Pyridine	3.32	79	272737	37.473	ng		91
4) n-Nitrosodimethylamine	3.26	42	89635	35.864	ng	#	85
6) Aniline	6.50	93	396326	40.018	ng		99
8) 2-Chlorophenol	6.62	128	251285	42.272	ng		96
9) Benzaldehyde	6.39	77	176333	37.432	ng		96
10) Phenol	6.49	94	333929	42.174	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	246544	39.990	ng		97
12) 1,3-Dichlorobenzene	6.78	146	283720	42.230	ng		96
13) 1,4-Dichlorobenzene	6.86	146	289214	43.239	ng		98
14) 1,2-Dichlorobenzene	7.01	146	270328	43.611	ng		96
15) Benzyl Alcohol	6.98	79	232351	40.031	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	249900	34.548	ng		86
17) 2-Methylphenol	7.09	107	213279	40.985	ng		99
18) Hexachloroethane	7.35	117	113161	43.545	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	189850	40.324	ng		92
20) 3+4-Methylphenols	7.25	107	266710	44.081	ng	#	72
22) Acetophenone	7.25	105	386848	44.320	ng		97
24) Nitrobenzene	7.42	77	292522	45.289	ng		99
25) Isophorone	7.66	82	519644	40.380	ng		100
26) 2-Nitrophenol	7.73	139	129737	54.027	ng		97
27) 2,4-Dimethylphenol	7.77	122	193436	39.886	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	321731	40.911	ng		99
29) 2,4-Dichlorophenol	7.97	162	208147	44.660	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	220083	43.536	ng		97
31) Naphthalene	8.14	128	735289	42.651	ng		99
32) Benzoic acid	7.90	122	99920	36.489	ng		96
33) 4-Chloroaniline	8.19	127	328353	41.842	ng		99
34) Hexachlorobutadiene	8.26	225	126334	45.834	ng		99
35) Caprolactam	8.56	113	68494	39.269	ng		91
36) 4-Chloro-3-methylphenol	8.67	107	238615	44.545	ng		99
37) 2-Methylnaphthalene	8.83	142	497355	43.360	ng		98
38) 1-Methylnaphthalene	8.93	142	464986	42.943	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	200103	45.595	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	90743	35.805 ng	93
43) 2,4,6-Trichlorophenol	9.11	196	141452	47.018 ng	96
44) 2,4,5-Trichlorophenol	9.15	196	145483	46.580 ng	95
46) 1,1'-Biphenyl	9.29	154	605139	43.560 ng	99
47) 2-Chloronaphthalene	9.32	162	484532	44.036 ng	98
48) 2-Nitroaniline	9.41	65	157246	49.432 ng	95
49) Acenaphthylene	9.73	152	714668	42.967 ng	99
50) Dimethylphthalate	9.59	163	554588	43.877 ng	99
51) 2,6-Dinitrotoluene	9.65	165	117073	48.546 ng	99
52) Acenaphthene	9.90	154	426554	41.738 ng	99
53) 3-Nitroaniline	9.82	138	144191	47.711 ng	89
54) 2,4-Dinitrophenol	9.93	184	42989	53.602 ng	94
55) Dibenzofuran	10.07	168	635997	44.145 ng	96
56) 4-Nitrophenol	9.99	139	93681	45.208 ng	85
57) 2,4-Dinitrotoluene	10.06	165	158217	53.655 ng	97
58) Fluorene	10.42	166	503991	45.911 ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	115745	51.348 ng	96
60) Diethylphthalate	10.29	149	547141	43.214 ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	223744	46.545 ng	99
62) 4-Nitroaniline	10.43	138	144591	49.299 ng	97
63) Azobenzene	10.57	77	560213	42.434 ng	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	58932	52.827 ng	87
66) n-Nitrosodiphenylamine	10.53	169	437353	42.439 ng	96
67) 4-Bromophenyl-phenylether	10.90	248	130703	43.190 ng	97
68) Hexachlorobenzene	10.97	284	142643	45.051 ng	96
69) Atrazine	11.05	200	120481	41.743 ng	98
70) Pentachlorophenol	11.16	266	69811	45.578 ng	97
71) Phenanthrene	11.38	178	715241	43.131 ng	99
72) Anthracene	11.43	178	725603	43.467 ng	100
73) Carbazole	11.58	167	678521	42.671 ng	98
74) Di-n-butylphthalate	11.91	149	855491	41.967 ng	99
75) Fluoranthene	12.56	202	717546	44.029 ng	99
77) Benzidine	12.68	184	271833	35.212 ng	99
78) Pyrene	12.79	202	709352	40.543 ng	99
80) Butylbenzylphthalate	13.40	149	340979	40.076 ng	95
81) Benzo(a)anthracene	13.97	228	545478	43.790 ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	175011	41.573 ng	99
83) Chrysene	14.02	228	529672	41.272 ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	440329	41.925 ng	98
85) Di-n-octyl phthalate	14.57	149	688424	40.053 ng	96
86) Indeno(1,2,3-cd)pyrene	16.89	276	397775	38.588 ng	97
88) Benzo(b)fluoranthene	15.02	252	420464	40.518 ng	99
89) Benzo(k)fluoranthene	15.04	252	428319	45.269 ng	99
90) Benzo(a)pyrene	15.38	252	379064	41.986 ng	98
91) Dibenzo(a,h)anthracene	16.90	278	325498	41.189 ng	99
92) Benzo(g,h,i)perylene	17.32	276	319349	39.624 ng	99

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

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