Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117652.D
Acq On : 31 Oct 2019 12:34
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/1/2019 12:34:22 PM

Quant Time: Nov 01 11:11:35 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	52392	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	221232	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	111876	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	170730	20.00	ng		0.00
76) Chrysene-d12	13.90	240	100416	20.00	ng		0.00
87) Perylene-d12	15.34	264	89164	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	304441	86.45	ng		0.00
7) Phenol-d6	6.39	99	399500	84.46	ng		0.01
23) Nitrobenzene-d5	7.30	82	379446	84.67	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	71355	73.71	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	628990	79.22	ng		0.00
79) Terphenyl-d14	12.83	244	533501	86.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	59808	40.393	ng		97
3) Pyridine	3.11	79	153030	42.220	ng		99
4) n-Nitrosodimethylamine	3.09	42	57231	43.523	ng		98
6) Aniline	6.40	93	232153	41.806	ng		89
8) 2-Chlorophenol	6.53	128	156957	42.237	ng		97
9) Benzaldehyde	6.29	77	104359	47.569	ng		96
10) Phenol	6.40	94	201923	41.827	ng		97
11) bis(2-Chloroethyl)ether	6.47	93	150605	42.177	ng		100
12) 1,3-Dichlorobenzene	6.67	146	174251	42.019	ng		99
13) 1,4-Dichlorobenzene	6.75	146	176222	41.889	ng		100
14) 1,2-Dichlorobenzene	6.90	146	165089	41.632	ng		99
15) Benzyl Alcohol	6.89	79	146277	43.286	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	165878	43.062	ng		66
17) 2-Methylphenol	7.01	107	130043	42.539	ng	#	87
18) Hexachloroethane	7.23	117	69284	42.195	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	121649	42.112	ng		99
20) 3+4-Methylphenols	7.16	107	173058	43.178	ng	#	68
22) Acetophenone	7.15	105	244038	41.542	ng		94
24) Nitrobenzene	7.32	77	182999	42.636	ng		100
25) Isophorone	7.56	82	319030	41.153	ng		100
26) 2-Nitrophenol	7.64	139	83599	43.670	ng		98
27) 2,4-Dimethylphenol	7.69	122	122085	42.674	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	196208	41.017	ng		98
29) 2,4-Dichlorophenol	7.89	162	124798	41.589	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	132137	41.034	ng		99
31) Naphthalene	8.03	128	451949	41.215	ng		99
32) Benzoic acid	7.86	122	66028	33.696	ng		97
33) 4-Chloroaniline	8.09	127	197816	42.744	ng		98
34) Hexachlorobutadiene	8.15	225	74780	40.121	ng		99
35) Caprolactam	8.48	113	35084m	36.396	ng		
36) 4-Chloro-3-methylphenol	8.59	107	142562	41.657	ng		98
37) 2-Methylnaphthalene	8.73	142	290998	39.383	ng		99
38) 1-Methylnaphthalene	8.82	142	284668	40.999	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	120585	40.018	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	56970	72.786	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	73336	38.864	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	71280	37.278	ng		96
46) 1,1'-Biphenyl	9.19	154	378989	40.919	ng		98
47) 2-Chloronaphthalene	9.22	162	286188	40.982	ng		99
48) 2-Nitroaniline	9.33	65	98477	42.957	ng		94
49) Acenaphthylene	9.63	152	420961	41.040	ng		100
50) Dimethylphthalate	9.49	163	316064	39.629	ng		100
51) 2,6-Dinitrotoluene	9.57	165	70239	42.203	ng		97
52) Acenaphthene	9.80	154	257650	40.942	ng		100
53) 3-Nitroaniline	9.75	138	85063	42.124	ng		94
54) 2,4-Dinitrophenol	9.87	184	26051	40.210	ng		99
55) Dibenzofuran	9.97	168	371597	40.757	ng		98
56) 4-Nitrophenol	9.95	139	43107m	48.111	ng		
57) 2,4-Dinitrotoluene	9.98	165	92112	41.628	ng		94
58) Fluorene	10.32	166	306391	40.637	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.11	232	49070	32.651	ng	#	89
60) Diethylphthalate	10.19	149	316698	39.259	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	135425	40.034	ng		92
62) 4-Nitroaniline	10.37	138	82674	43.436	ng		99
63) Azobenzene	10.47	77	340553	41.239	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	34191	39.389	ng		92
66) n-Nitrosodiphenylamine	10.43	169	257382	41.237	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	74863	40.709	ng		93
68) Hexachlorobenzene	10.87	284	80344	40.795	ng	#	89
69) Atrazine	10.96	200	54184	34.121	ng		97
70) Pentachlorophenol	11.09	266	26646m	45.132	ng		
71) Phenanthrene	11.28	178	416057	41.968	ng		98
72) Anthracene	11.33	178	420145	41.304	ng		100
73) Carbazole	11.49	167	388779	41.822	ng		99
74) Di-n-butylphthalate	11.81	149	487996	39.288	ng		98
75) Fluoranthene	12.47	202	394379	39.739	ng		99
77) Benzidine	12.59	184	108004	36.693	ng		99
78) Pyrene	12.70	202	390402	45.263	ng		100
80) Butylbenzylphthalate	13.30	149	183982	42.865	ng		93
81) Benzo(a)anthracene	13.89	228	278492	41.115	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	91633	43.112	ng	#	96
83) Chrysene	13.93	228	268309	40.418	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	230997	38.420	ng	#	96
85) Di-n-octyl phthalate	14.47	149	353990	38.294	ng		100
86) Indeno(1,2,3-cd)pyrene	16.77	276	218628	44.111	ng		98
88) Benzo(b)fluoranthene	14.93	252	217324	41.275	ng		100
89) Benzo(k)fluoranthene	14.95	252	205042m	37.995	ng		
90) Benzo(a)pyrene	15.28	252	198808	41.529	ng		98
91) Dibenzo(a,h)anthracene	16.76	278	183095	44.232	ng		99
92) Benzo(g,h,i)perylene	17.19	276	177256	45.258	ng		98

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

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