Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116504.D
Acq On : 24 Aug 2019 6:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:14 AM

Quant Time: Aug 26 02:17:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	93316	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	342967	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	155350	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	245768	20.00	ng		0.00
76) Chrysene-d12	14.03	240	213941	20.00	ng		0.00
87) Perylene-d12	15.50	264	222347	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	440718	69.01	ng		0.00
7) Phenol-d6	6.51	99	539139	68.85	ng		0.00
23) Nitrobenzene-d5	7.45	82	497889	79.42	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	78573	58.90	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	852195	88.34	ng		0.00
79) Terphenyl-d14	12.98	244	820048	71.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	110930	40.117	ng		99
3) Pyridine	3.42	79	245361	29.138	ng		100
4) n-Nitrosodimethylamine	3.35	42	121074	39.386	ng		92
6) Aniline	6.55	93	368712	34.779	ng		100
8) 2-Chlorophenol	6.67	128	228074	34.031	ng		98
9) Benzaldehyde	6.43	77	204453	39.076	ng		95
10) Phenol	6.52	94	301880	35.500	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	246667	38.097	ng		99
12) 1,3-Dichlorobenzene	6.83	146	286337	39.473	ng		97
13) 1,4-Dichlorobenzene	6.90	146	290327	41.585	ng		98
14) 1,2-Dichlorobenzene	7.06	146	264368	40.140	ng		98
15) Benzyl Alcohol	7.02	79	208893	32.963	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	314606	35.143	ng		99
17) 2-Methylphenol	7.13	107	188928	34.024	ng		98
18) Hexachloroethane	7.40	117	81252	29.841	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	173670	32.502	ng		99
20) 3+4-Methylphenols	7.28	107	232005	34.107	ng		97
22) Acetophenone	7.29	105	345588	40.297	ng	#	93
24) Nitrobenzene	7.46	77	250117	38.527	ng		99
25) Isophorone	7.70	82	433965	35.128	ng		100
26) 2-Nitrophenol	7.77	139	39682	16.734	ng		99
27) 2,4-Dimethylphenol	7.82	122	171991	34.761	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	291665	38.230	ng		99
29) 2,4-Dichlorophenol	8.02	162	161470	34.315	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	220902	41.701	ng		99
31) Naphthalene	8.19	128	659487	39.749	ng		100
32) Benzoic acid	7.90	122	29320	9.269	ng		97
33) 4-Chloroaniline	8.23	127	265428	36.442	ng		98
34) Hexachlorobutadiene	8.31	225	125263	43.359	ng		99
35) Caprolactam	8.58	113	46630	28.450	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	165191	31.114	ng		98
37) 2-Methylnaphthalene	8.87	142	419387	36.815	ng		98
38) 1-Methylnaphthalene	8.97	142	391812	36.820	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	190117	45.487	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	22574	10.038	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	100375	34.314	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	92803	31.180	ng		96
46) 1,1'-Biphenyl	9.34	154	523836	42.175	ng		99
47) 2-Chloronaphthalene	9.36	162	390872	40.593	ng		100
48) 2-Nitroaniline	9.45	65	106679	36.184	ng		99
49) Acenaphthylene	9.77	152	559511	39.716	ng		100
50) Dimethylphthalate	9.63	163	448410	41.371	ng		98
51) 2,6-Dinitrotoluene	9.69	165	65488	29.518	ng		91
52) Acenaphthene	9.95	154	344721	38.134	ng		99
53) 3-Nitroaniline	9.86	138	105200	39.780	ng		96
54) 2,4-Dinitrophenol	9.96	184	474	8.909	ng	#	1
55) Dibenzofuran	10.12	168	492531	39.086	ng		99
56) 4-Nitrophenol	10.00	139	28133	13.687	ng		97
57) 2,4-Dinitrotoluene	10.09	165	72717	25.759	ng		98
58) Fluorene	10.46	166	370249	37.818	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	63875	26.136	ng		99
60) Diethylphthalate	10.33	149	430072	40.370	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	186426	39.033	ng		98
62) 4-Nitroaniline	10.46	138	100422	38.827	ng		96
63) Azobenzene	10.62	77	407702	37.221	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	1234	8.051	ng	#	78
66) n-Nitrosodiphenylamine	10.57	169	332640	41.800	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	109332	42.433	ng		99
68) Hexachlorobenzene	11.02	284	115983	40.698	ng		97
69) Atrazine	11.09	200	87217	36.579	ng		99
70) Pentachlorophenol	11.20	266	29498	17.741	ng		98
71) Phenanthrene	11.42	178	545563	40.749	ng		99
72) Anthracene	11.47	178	547687	40.710	ng		100
73) Carbazole	11.62	167	485786	40.227	ng		99
74) Di-n-butylphthalate	11.96	149	635880	42.493	ng		99
75) Fluoranthene	12.61	202	587926	42.475	ng		100
77) Benzidine	12.72	184	218815	25.421	ng		100
78) Pyrene	12.84	202	596948	34.891	ng		100
80) Butylbenzylphthalate	13.46	149	273251	36.981	ng		97
81) Benzo(a)anthracene	14.02	228	555024	40.056	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	190271	38.533	ng		98
83) Chrysene	14.06	228	552350	39.329	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	379976	38.566	ng		98
85) Di-n-octyl phthalate	14.63	149	704957	42.145	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	475481	39.523	ng		98
88) Benzo(b)fluoranthene	15.07	252	561296m	40.864	ng		
89) Benzo(k)fluoranthene	15.10	252	521084	41.875	ng		99
90) Benzo(a)pyrene	15.44	252	483345	39.816	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	393209	39.418	ng		98
92) Benzo(g,h,i)perylene	17.41	276	362396	38.107	ng		97

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

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