Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117900.D
Acq On : 21 Nov 2019 9:46
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 21 15:14:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	250203	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	988084	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	525325	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1019184	20.00	ng	0.00
76) Chrysene-d12	14.12	240	664437	20.00	ng	0.00
87) Perylene-d12	15.62	264	593455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1090035	77.12	ng	0.00
7) Phenol-d6	6.55	99	1345017	78.89	ng	0.00
23) Nitrobenzene-d5	7.49	82	1334546	80.29	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	453504	81.54	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2417930	82.57	ng	0.00
79) Terphenyl-d14	13.06	244	2749140	75.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	299870	45.386	ng	98
3) Pyridine	3.48	79	585968	33.809	ng	99
4) n-Nitrosodimethylamine	3.44	42	262933	34.753	ng	96
6) Aniline	6.58	93	896958	39.813	ng	99
8) 2-Chlorophenol	6.70	128	628965	41.008	ng	98
9) Benzaldehyde	6.47	77	422248	37.641	ng	98
10) Phenol	6.56	94	767630	43.329	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	564797	39.699	ng	97
12) 1,3-Dichlorobenzene	6.86	146	729998	40.427	ng	99
13) 1,4-Dichlorobenzene	6.94	146	729324	39.959	ng	99
14) 1,2-Dichlorobenzene	7.09	146	702176	40.225	ng	99
15) Benzyl Alcohol	7.06	79	564476	42.885	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	815628	37.236	ng	98
17) 2-Methylphenol	7.17	107	526408	40.528	ng	98
18) Hexachloroethane	7.43	117	277794	41.431	ng	89
19) n-Nitroso-di-n-propylamine	7.34	70	425139	40.421	ng	95
20) 3+4-Methylphenols	7.32	107	634251	39.338	ng	92
22) Acetophenone	7.33	105	860235	38.751	ng	99
24) Nitrobenzene	7.50	77	690277	40.256	ng	97
25) Isophorone	7.75	82	1162615	38.162	ng	98
26) 2-Nitrophenol	7.82	139	359502	43.074	ng	97
27) 2,4-Dimethylphenol	7.86	122	490070	37.788	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	748460	38.716	ng	99
29) 2,4-Dichlorophenol	8.06	162	547876	38.946	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	637157	39.048	ng	98
31) Naphthalene	8.23	128	1851379	40.192	ng	99
32) Benzoic acid	7.99	122	439735	40.495	ng	97
33) 4-Chloroaniline	8.27	127	816901	39.614	ng	99
34) Hexachlorobutadiene	8.35	225	383677	40.217	ng	99
35) Caprolactam	8.66	113	177738	39.755	ng	92
36) 4-Chloro-3-methylphenol	8.76	107	574618	40.249	ng	97
37) 2-Methylnaphthalene	8.92	142	1236505	39.729	ng	99
38) 1-Methylnaphthalene	9.03	142	1177809	40.029	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	592679	38.849	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	313842	36.709	ng		99
43) 2,4,6-Trichlorophenol	9.20	196	423055	38.716	ng		99
44) 2,4,5-Trichlorophenol	9.25	196	439479	38.736	ng		97
46) 1,1'-Biphenyl	9.39	154	1535147	39.389	ng		99
47) 2-Chloronaphthalene	9.42	162	1249295	38.965	ng		98
48) 2-Nitroaniline	9.51	65	391400	40.435	ng		98
49) Acenaphthylene	9.83	152	1860167	39.794	ng		100
50) Dimethylphthalate	9.69	163	1462887	39.711	ng		99
51) 2,6-Dinitrotoluene	9.75	165	321436	39.925	ng		98
52) Acenaphthene	10.01	154	1171579	39.125	ng		99
53) 3-Nitroaniline	9.92	138	389895	40.472	ng		100
54) 2,4-Dinitrophenol	10.03	184	158445	42.067	ng	#	90
55) Dibenzofuran	10.18	168	1618928	39.042	ng		99
56) 4-Nitrophenol	10.08	139	290389	40.383	ng		94
57) 2,4-Dinitrotoluene	10.16	165	433931	42.370	ng		98
58) Fluorene	10.52	166	1259286	39.189	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	357402	38.339	ng		97
60) Diethylphthalate	10.39	149	1444851	40.230	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	647166	39.686	ng		97
62) 4-Nitroaniline	10.55	138	405199	42.008	ng		97
63) Azobenzene	10.67	77	1271196	38.905	ng		98
65) 4,6-Dinitro-2-methylphenol	10.57	198	212978	44.763	ng		84
66) n-Nitrosodiphenylamine	10.63	169	1063922	35.869	ng		99
67) 4-Bromophenyl-phenylether	11.00	248	430097	39.111	ng		94
68) Hexachlorobenzene	11.07	284	481345	37.538	ng		98
69) Atrazine	11.16	200	384014	39.357	ng		100
70) Pentachlorophenol	11.27	266	279176	37.266	ng		99
71) Phenanthrene	11.49	178	1907798	37.232	ng		100
72) Anthracene	11.54	178	1923939	37.870	ng		99
73) Carbazole	11.70	167	1720887	38.762	ng		99
74) Di-n-butylphthalate	12.02	149	2194756	39.705	ng		99
75) Fluoranthene	12.69	202	2001375	42.468	ng		100
77) Benzidine	12.80	184	757912	34.824	ng		99
78) Pyrene	12.92	202	1997706	37.203	ng		99
80) Butylbenzylphthalate	13.53	149	934406	40.516	ng		96
81) Benzo(a)anthracene	14.10	228	1715351	39.068	ng		100
82) 3,3'-Dichlorobenzidine	14.06	252	613088	39.919	ng		100
83) Chrysene	14.14	228	1635631	38.444	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	1195362	42.752	ng		100
85) Di-n-octyl phthalate	14.70	149	1791555	43.615	ng		99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1327543	36.662	ng		99
88) Benzo(b)fluoranthene	15.17	252	1518853	39.392	ng		99
89) Benzo(k)fluoranthene	15.21	252	1341739	36.933	ng		100
90) Benzo(a)pyrene	15.56	252	1290503	38.063	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1089859	37.346	ng		97
92) Benzo(g,h,i)perylene	17.63	276	1054017	36.262	ng		100

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

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