Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118037.D
Acq On : 27 Nov 2019 13:28
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 27 14:33:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	157969	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	611213	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	324255	20.00	ng		-0.01
64) Phenanthrene-d10	11.43	188	608196	20.00	ng		0.00
76) Chrysene-d12	14.08	240	415701	20.00	ng		0.00
87) Perylene-d12	15.57	264	373716	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	712784	79.87	ng		0.00
7) Phenol-d6	6.51	99	846451	78.64	ng		-0.01
23) Nitrobenzene-d5	7.45	82	832452	80.96	ng		-0.01
42) 2,4,6-Tribromophenol	10.73	330	305347	88.95	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	1645594	91.05	ng		-0.01
79) Terphenyl-d14	13.02	244	1903423	83.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	146916	35.219	ng		94
3) Pyridine	3.40	79	391079	35.739	ng		95
4) n-Nitrosodimethylamine	3.35	42	154508	32.346	ng		98
6) Aniline	6.55	93	559395	39.327	ng		98
8) 2-Chlorophenol	6.67	128	397455	41.044	ng		99
9) Benzaldehyde	6.43	77	309110	46.435	ng		99
10) Phenol	6.52	94	484168	43.285	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	353907	39.400	ng		96
12) 1,3-Dichlorobenzene	6.83	146	464313	40.727	ng		99
13) 1,4-Dichlorobenzene	6.90	146	472089	40.967	ng		99
14) 1,2-Dichlorobenzene	7.06	146	446964	40.555	ng		99
15) Benzyl Alcohol	7.02	79	348066	41.883	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	460184	33.276	ng		95
17) 2-Methylphenol	7.13	107	318689	38.862	ng		99
18) Hexachloroethane	7.40	117	174748	41.280	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	263343	39.656	ng		96
20) 3+4-Methylphenols	7.29	107	409316	40.209	ng	#	87
22) Acetophenone	7.29	105	558061	40.639	ng		96
24) Nitrobenzene	7.47	77	414324	39.061	ng		98
25) Isophorone	7.71	82	718551	38.129	ng		100
26) 2-Nitrophenol	7.79	139	221155	42.837	ng		98
27) 2,4-Dimethylphenol	7.82	122	296046	36.903	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	471043	39.390	ng		100
29) 2,4-Dichlorophenol	8.03	162	343563	39.481	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	399616	39.591	ng		97
31) Naphthalene	8.19	128	1188696	41.717	ng		99
32) Benzoic acid	7.94	122	266009	39.601	ng		98
33) 4-Chloroaniline	8.24	127	499675	39.171	ng		99
34) Hexachlorobutadiene	8.31	225	244188	41.378	ng		99
35) Caprolactam	8.62	113	105103	38.004	ng	#	86
36) 4-Chloro-3-methylphenol	8.72	107	355083	40.207	ng		96
37) 2-Methylnaphthalene	8.89	142	795231	41.305	ng		99
38) 1-Methylnaphthalene	8.99	142	762568	41.896	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	386071	40.999	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	185774	35.204 ng	99
43) 2,4,6-Trichlorophenol	9.17	196	258470	38.321 ng	99
44) 2,4,5-Trichlorophenol	9.20	196	269426	38.473 ng	97
46) 1,1'-Biphenyl	9.35	154	995932	41.399 ng	98
47) 2-Chloronaphthalene	9.38	162	789535	39.895 ng	98
48) 2-Nitroaniline	9.47	65	227679	38.107 ng	89
49) Acenaphthylene	9.80	152	1188182	41.180 ng	99
50) Dimethylphthalate	9.66	163	929798	40.892 ng	98
51) 2,6-Dinitrotoluene	9.72	165	202307	40.710 ng	92
52) Acenaphthene	9.97	154	774668	41.912 ng	98
53) 3-Nitroaniline	9.89	138	237818	39.994 ng	97
54) 2,4-Dinitrophenol	9.99	184	100658	43.086 ng	91
55) Dibenzofuran	10.15	168	1057126	41.302 ng	96
56) 4-Nitrophenol	10.05	139	170442	38.400 ng	92
57) 2,4-Dinitrotoluene	10.12	165	271020	42.873 ng	97
58) Fluorene	10.49	166	829256	41.810 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	225839	39.249 ng	98
60) Diethylphthalate	10.36	149	934279	42.145 ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	425805	42.303 ng	96
62) 4-Nitroaniline	10.50	138	242950	40.805 ng	97
63) Azobenzene	10.64	77	800479	39.691 ng	94
65) 4,6-Dinitro-2-methylphenol	10.53	198	128235	45.165 ng	89
66) n-Nitrosodiphenylamine	10.60	169	742423	41.944 ng	98
67) 4-Bromophenyl-phenylether	10.97	248	270758	41.259 ng	96
68) Hexachlorobenzene	11.04	284	315967	41.292 ng	97
69) Atrazine	11.12	200	231263	39.719 ng	98
70) Pentachlorophenol	11.23	266	160093	35.811 ng	99
71) Phenanthrene	11.45	178	1253405	40.990 ng	98
72) Anthracene	11.50	178	1252454	41.311 ng	98
73) Carbazole	11.66	167	1112423	41.989 ng	98
74) Di-n-butylphthalate	11.99	149	1465238	44.420 ng	99
75) Fluoranthene	12.64	202	1262555	45.410 ng	98
77) Benzidine	12.76	184	515959	37.892 ng	99
78) Pyrene	12.88	202	1274813	37.946 ng	98
80) Butylbenzylphthalate	13.49	149	608755	42.189 ng	98
81) Benzo(a)anthracene	14.07	228	1103842	40.183 ng	100
82) 3,3'-Dichlorobenzidine	14.03	252	388214	40.402 ng	99
83) Chrysene	14.11	228	1056579	39.693 ng	98
84) Bis(2-ethylhexyl)phthalate	14.05	149	830215	47.459 ng	96
85) Di-n-octyl phthalate	14.67	149	1288008	50.119 ng	98
86) Indeno(1,2,3-cd)pyrene	17.10	276	841855	37.160 ng	98
88) Benzo(b)fluoranthene	15.13	252	1013670	41.748 ng	98
89) Benzo(k)fluoranthene	15.16	252	871847	38.109 ng	99
90) Benzo(a)pyrene	15.52	252	845253	39.589 ng	98
91) Dibenzo(a,h)anthracene	17.12	278	703119	38.261 ng	96
92) Benzo(g,h,i)perylene	17.56	276	661895	36.161 ng	99

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

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