Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116075.D
Acq On : 8 Aug 2019 18:56
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 09 09:12:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176518	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	744273	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	394797	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	657970	20.00	ng	0.00
76) Chrysene-d12	14.00	240	436985	20.00	ng	0.00
87) Perylene-d12	15.46	264	423551	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	868567	82.37	ng	0.00
7) Phenol-d6	6.49	99	1130296	84.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	1046781	81.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	307148	80.24	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1681372	79.77	ng	0.00
79) Terphenyl-d14	12.94	244	1760644	84.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	204087	38.313	ng	99
3) Pyridine	3.36	79	559031	37.569	ng	99
4) n-Nitrosodimethylamine	3.32	42	232986	39.676	ng	97
6) Aniline	6.51	93	774712	40.663	ng	98
8) 2-Chlorophenol	6.63	128	500475	42.923	ng	99
9) Benzaldehyde	6.39	77	342682	37.332	ng	99
10) Phenol	6.50	94	647148	41.309	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	499694	43.384	ng	99
12) 1,3-Dichlorobenzene	6.78	146	556066	41.266	ng	100
13) 1,4-Dichlorobenzene	6.86	146	557731	41.337	ng	99
14) 1,2-Dichlorobenzene	7.02	146	509366	41.000	ng	100
15) Benzyl Alcohol	6.99	79	417775	41.380	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	663031	42.203	ng	97
17) 2-Methylphenol	7.10	107	423437	42.889	ng	100
18) Hexachloroethane	7.35	117	208822	42.037	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	355159	43.082	ng	99
20) 3+4-Methylphenols	7.26	107	494105	42.291	ng	95
22) Acetophenone	7.26	105	659176	40.383	ng	100
24) Nitrobenzene	7.43	77	574992	41.300	ng	99
25) Isophorone	7.67	82	1051957	42.667	ng	100
26) 2-Nitrophenol	7.74	139	295455	45.020	ng	99
27) 2,4-Dimethylphenol	7.78	122	405929	41.113	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	652789	42.717	ng	99
29) 2,4-Dichlorophenol	7.99	162	445155	42.700	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	493945	41.565	ng	100
31) Naphthalene	8.15	128	1437227	41.036	ng	100
32) Benzoic acid	7.95	122	301145	43.261	ng	97
33) 4-Chloroaniline	8.19	127	622054	39.751	ng	99
34) Hexachlorobutadiene	8.26	225	278706	40.717	ng	98
35) Caprolactam	8.59	113	136754	40.559	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	464672	42.845	ng	99
37) 2-Methylnaphthalene	8.83	142	952081	41.276	ng	99
38) 1-Methylnaphthalene	8.93	142	901568	41.315	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	440472	41.733	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	186480	42.365	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	291281	40.095	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	307562	40.956	ng	98
46) 1,1'-Biphenyl	9.30	154	1140929	40.934	ng	99
47) 2-Chloronaphthalene	9.33	162	937428	40.410	ng	100
48) 2-Nitroaniline	9.42	65	315697	41.171	ng	91
49) Acenaphthylene	9.74	152	1368698	40.441	ng	99
50) Dimethylphthalate	9.60	163	1120661	41.689	ng	99
51) 2,6-Dinitrotoluene	9.67	165	244809	41.907	ng	99
52) Acenaphthene	9.91	154	834139	40.175	ng	99
53) 3-Nitroaniline	9.84	138	281560	39.007	ng	97
54) 2,4-Dinitrophenol	9.95	184	107420	40.436	ng	99
55) Dibenzofuran	10.09	168	1186578	39.298	ng	99
56) 4-Nitrophenol	10.01	139	160156	34.636	ng	90
57) 2,4-Dinitrotoluene	10.07	165	298903	38.430	ng	97
58) Fluorene	10.43	166	927057	39.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	246608	39.033	ng	99
60) Diethylphthalate	10.30	149	1013122	40.368	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	478142	40.640	ng	98
62) 4-Nitroaniline	10.46	138	288504	38.675	ng	99
63) Azobenzene	10.57	77	1053521	40.812	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	165178	47.372	ng	87
66) n-Nitrosodiphenylamine	10.53	169	845625	42.699	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	300925	42.723	ng	98
68) Hexachlorobenzene	10.98	284	335875	41.238	ng	97
69) Atrazine	11.06	200	223927	34.370	ng	99
70) Pentachlorophenol	11.17	266	137932	34.882	ng	97
71) Phenanthrene	11.39	178	1361962	40.490	ng	99
72) Anthracene	11.44	178	1400952	41.154	ng	99
73) Carbazole	11.59	167	1285023	41.607	ng	100
74) Di-n-butylphthalate	11.92	149	1523799	42.295	ng	100
75) Fluoranthene	12.57	202	1412548	40.113	ng	96
77) Benzidine	12.69	184	649854	44.019	ng	100
78) Pyrene	12.80	202	1435511	43.579	ng	99
80) Butylbenzylphthalate	13.41	149	632130	45.366	ng	94
81) Benzo(a)anthracene	13.99	228	1196424	42.836	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	425795	43.880	ng	99
83) Chrysene	14.03	228	1153443	42.537	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	856195	47.285	ng	99
85) Di-n-octyl phthalate	14.58	149	1286310	44.725	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1006604	44.198	ng	100
88) Benzo(b)fluoranthene	15.04	252	1082494	44.201	ng	99
89) Benzo(k)fluoranthene	15.07	252	880653	36.919	ng	98
90) Benzo(a)pyrene	15.40	252	906013	41.385	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	828647	43.728	ng	99
92) Benzo(g,h,i)perylene	17.38	276	817943	43.950	ng	98

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

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