Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113588.D
Acq On : 4 Apr 2019 17:32
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 03:50:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	167789	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	669389	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	329908	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	654674	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	470836	20.00	ng	-0.02
87) Perylene-d12	15.22	264	398215	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	793526	80.65	ng	0.00
7) Phenol-d6	6.34	99	992774	81.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	922066	80.69	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	326399	82.36	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1642760	80.16	ng	0.00
79) Terphenyl-d14	12.77	244	1751105	75.72	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	184873	39.670	ng	97
3) Pyridine	3.03	79	487582	39.979	ng	98
4) n-Nitrosodimethylamine	2.98	42	215258	41.541	ng	90
6) Aniline	6.35	93	620302	42.197	ng	91
8) 2-Chlorophenol	6.47	128	466377	40.966	ng	96
9) Benzaldehyde	6.23	77	288296	39.980	ng	99
10) Phenol	6.35	94	565525	40.830	ng	94
11) bis(2-Chloroethyl)ether	6.42	93	445155	41.316	ng	98
12) 1,3-Dichlorobenzene	6.62	146	497298	40.563	ng	99
13) 1,4-Dichlorobenzene	6.70	146	500288	40.381	ng	100
14) 1,2-Dichlorobenzene	6.86	146	451826	40.403	ng	97
15) Benzyl Alcohol	6.84	79	345160	42.093	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	677916	40.423	ng	97
17) 2-Methylphenol	6.96	107	361873	41.017	ng	96
18) Hexachloroethane	7.19	117	182177	40.399	ng	97
19) n-Nitroso-di-n-propylamine	7.11	70	305518	40.854	ng	98
20) 3+4-Methylphenols	7.11	107	445594	41.684	ng	99
22) Acetophenone	7.10	105	593728	40.384	ng	98
24) Nitrobenzene	7.27	77	485639	41.265	ng	99
25) Isophorone	7.51	82	905268	41.122	ng	97
26) 2-Nitrophenol	7.59	139	262246	41.403	ng	96
27) 2,4-Dimethylphenol	7.63	122	357134	39.440	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	564306	40.545	ng	100
29) 2,4-Dichlorophenol	7.83	162	403952	41.694	ng	98
30) 1,2,4-Trichlorobenzene	7.91	180	425815	40.472	ng	98
31) Naphthalene	7.99	128	1302181	40.149	ng	100
32) Benzoic acid	7.80	122	285602	40.731	ng	99
33) 4-Chloroaniline	8.05	127	538626	41.882	ng	98
34) Hexachlorobutadiene	8.11	225	256354	39.965	ng	98
35) Caprolactam	8.43	113	136512	44.387	ng	99
36) 4-Chloro-3-methylphenol	8.54	107	409842	42.140	ng	99
37) 2-Methylnaphthalene	8.68	142	857378	40.193	ng	98
38) 1-Methylnaphthalene	8.77	142	832932	40.495	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	424788	39.813	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	117367	39.555	ng		98
43) 2,4,6-Trichlorophenol	8.96	196	273452	40.602	ng		98
44) 2,4,5-Trichlorophenol	9.01	196	296004	40.938	ng		99
46) 1,1'-Biphenyl	9.15	154	1077912	39.595	ng		99
47) 2-Chloronaphthalene	9.17	162	827327	40.138	ng		98
48) 2-Nitroaniline	9.27	65	264507	41.938	ng		100
49) Acenaphthylene	9.58	152	1316588	39.281	ng		100
50) Dimethylphthalate	9.45	163	976622	40.159	ng		99
51) 2,6-Dinitrotoluene	9.51	165	220288	41.095	ng		98
52) Acenaphthene	9.75	154	768106	40.034	ng		100
53) 3-Nitroaniline	9.68	138	253783	41.641	ng		93
54) 2,4-Dinitrophenol	9.80	184	102005	40.674	ng		90
55) Dibenzofuran	9.92	168	1102037	39.157	ng		99
56) 4-Nitrophenol	9.86	139	160860	42.548	ng		95
57) 2,4-Dinitrotoluene	9.92	165	262747	40.528	ng	#	90
58) Fluorene	10.26	166	880227	39.543	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	266730	42.618	ng		97
60) Diethylphthalate	10.14	149	936937	39.960	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	440674	40.248	ng		97
62) 4-Nitroaniline	10.30	138	262550	42.364	ng		98
63) Azobenzene	10.42	77	883239	39.785	ng		99
65) 4,6-Dinitro-2-methylphenol	10.33	198	143430	41.615	ng		98
66) n-Nitrosodiphenylamine	10.37	169	806532	40.130	ng		99
67) 4-Bromophenyl-phenylether	10.74	248	290427	39.555	ng		98
68) Hexachlorobenzene	10.82	284	333747	39.670	ng		96
69) Atrazine	10.90	200	239763	37.849	ng		96
70) Pentachlorophenol	11.02	266	160968	40.604	ng		99
71) Phenanthrene	11.22	178	1277423	39.268	ng		100
72) Anthracene	11.27	178	1308612	39.537	ng		100
73) Carbazole	11.43	167	1257457	40.621	ng		100
74) Di-n-butylphthalate	11.76	149	1445457	39.252	ng		100
75) Fluoranthene	12.40	202	1390137	39.878	ng		99
77) Benzidine	12.52	184	836686	47.786	ng		99
78) Pyrene	12.63	202	1416354	39.535	ng		100
80) Butylbenzylphthalate	13.25	149	588400	40.348	ng		96
81) Benzo(a)anthracene	13.82	228	1103721	40.637	ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	441889	42.240	ng		99
83) Chrysene	13.85	228	1105470	40.151	ng		100
84) Bis(2-ethylhexyl)phthalate	13.80	149	708969	40.210	ng		99
85) Di-n-octyl phthalate	14.41	149	1115011	38.905	ng		100
86) Indeno(1,2,3-cd)pyrene	16.58	276	993400	39.078	ng		99
88) Benzo(b)fluoranthene	14.83	252	947381	38.866	ng		98
89) Benzo(k)fluoranthene	14.86	252	920458	42.075	ng		99
90) Benzo(a)pyrene	15.17	252	877207	40.498	ng		99
91) Dibenzo(a,h)anthracene	16.59	278	817622	40.365	ng		99
92) Benzo(g,h,i)perylene	16.98	276	843350	40.791	ng		99

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

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