Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114022.D
Acq On : 29 Apr 2019 14:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 29 15:11:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149451	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	597715	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	316982	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	620458	20.00	ng		0.00
76) Chrysene-d12	14.08	240	449425	20.00	ng		0.01
87) Perylene-d12	15.60	264	379172	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	693873	79.41	ng		0.00
7) Phenol-d6	6.53	99	884725	80.70	ng		0.00
23) Nitrobenzene-d5	7.46	82	828004	85.53	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	314640	81.48	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1597294	78.81	ng		0.00
79) Terphenyl-d14	13.00	244	1909798	87.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	154501	37.509	ng		97
3) Pyridine	3.46	79	424866	37.789	ng		98
4) n-Nitrosodimethylamine	3.41	42	146775	38.137	ng		93
6) Aniline	6.56	93	602111	39.997	ng		99
8) 2-Chlorophenol	6.69	128	406945	40.792	ng		95
9) Benzaldehyde	6.45	77	250443	40.414	ng		94
10) Phenol	6.54	94	521148	39.755	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	397821	40.328	ng		99
12) 1,3-Dichlorobenzene	6.84	146	460923	40.794	ng		99
13) 1,4-Dichlorobenzene	6.92	146	464950	40.913	ng		100
14) 1,2-Dichlorobenzene	7.07	146	429262	41.101	ng		100
15) Benzyl Alcohol	7.03	79	353098	47.823	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	444393	38.591	ng		93
17) 2-Methylphenol	7.15	107	336867	38.522	ng		98
18) Hexachloroethane	7.41	117	165920	41.649	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	286876	40.408	ng		97
20) 3+4-Methylphenols	7.30	107	404101	40.901	ng	#	88
22) Acetophenone	7.30	105	538001	40.448	ng	#	93
24) Nitrobenzene	7.47	77	445232	41.624	ng		99
25) Isophorone	7.72	82	785830	39.672	ng		99
26) 2-Nitrophenol	7.79	139	226595	46.435	ng		96
27) 2,4-Dimethylphenol	7.83	122	306055	38.495	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	504268	39.951	ng		99
29) 2,4-Dichlorophenol	8.03	162	366921	40.358	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	409492	40.394	ng		97
31) Naphthalene	8.20	128	1156545	40.731	ng		99
32) Benzoic acid	7.96	122	250654	46.684	ng		97
33) 4-Chloroaniline	8.24	127	481344	40.063	ng		99
34) Hexachlorobutadiene	8.32	225	259748	41.103	ng		99
35) Caprolactam	8.62	113	113687	39.309	ng		88
36) 4-Chloro-3-methylphenol	8.72	107	366742	40.716	ng		99
37) 2-Methylnaphthalene	8.89	142	772254	40.331	ng		98
38) 1-Methylnaphthalene	8.99	142	745317	40.329	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	410857	39.902	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	216285	37.668	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	264493	40.453	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	295686	40.319	ng		99
46) 1,1'-Biphenyl	9.35	154	974890	40.260	ng		98
47) 2-Chloronaphthalene	9.37	162	791254	40.181	ng		97
48) 2-Nitroaniline	9.47	65	222641	43.129	ng		88
49) Acenaphthylene	9.79	152	1238415	40.171	ng		99
50) Dimethylphthalate	9.65	163	925246	40.360	ng		99
51) 2,6-Dinitrotoluene	9.71	165	214584	43.631	ng		100
52) Acenaphthene	9.96	154	745919	40.942	ng		97
53) 3-Nitroaniline	9.88	138	217958	42.173	ng		89
54) 2,4-Dinitrophenol	9.98	184	96644	49.014	ng	#	4
55) Dibenzofuran	10.13	168	1098378	40.247	ng		97
56) 4-Nitrophenol	10.03	139	174584	42.665	ng		97
57) 2,4-Dinitrotoluene	10.11	165	284257	45.790	ng		96
58) Fluorene	10.48	166	834834	40.631	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	252688	39.208	ng		99
60) Diethylphthalate	10.35	149	878322	40.346	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	439580	40.397	ng		99
62) 4-Nitroaniline	10.49	138	220927	43.805	ng		97
63) Azobenzene	10.63	77	839489	39.788	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	135557	47.717	ng		96
66) n-Nitrosodiphenylamine	10.59	169	737721	39.626	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	294352	39.271	ng		97
68) Hexachlorobenzene	11.03	284	324612	39.411	ng		98
69) Atrazine	11.11	200	241134	39.816	ng		99
70) Pentachlorophenol	11.22	266	195056	41.826	ng		97
71) Phenanthrene	11.44	178	1250047	40.089	ng		100
72) Anthracene	11.49	178	1275418	40.505	ng		99
73) Carbazole	11.64	167	1143854	40.718	ng		100
74) Di-n-butylphthalate	11.97	149	1377752	41.693	ng		99
75) Fluoranthene	12.63	202	1330065	39.097	ng		97
77) Benzidine	12.74	184	500586	37.383	ng		98
78) Pyrene	12.86	202	1342131	42.704	ng		99
80) Butylbenzylphthalate	13.47	149	568823	46.000	ng		94
81) Benzo(a)anthracene	14.07	228	1168182	44.117	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	444238	45.772	ng		99
83) Chrysene	14.10	228	1137055	44.092	ng		98
84) Bis(2-ethylhexyl)phthalate	14.05	149	740146	47.044	ng		99
85) Di-n-octyl phthalate	14.71	149	1156838	46.977	ng		98
86) Indeno(1,2,3-cd)pyrene	17.10	276	866197	35.460	ng		98
88) Benzo(b)fluoranthene	15.16	252	1036969	43.225	ng		99
89) Benzo(k)fluoranthene	15.20	252	859694	41.661	ng		98
90) Benzo(a)pyrene	15.54	252	860617	41.475	ng		99
91) Dibenzo(a,h)anthracene	17.12	278	712580	36.583	ng		99
92) Benzo(g,h,i)perylene	17.54	276	699046	35.562	ng		98

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

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