Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112791.D
Acq On : 1 Mar 2019 11:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 01 16:25:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	187996	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	745428	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	346034	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	660756	20.00	ng		0.00
76) Chrysene-d12	13.88	240	394685	20.00	ng		0.00
87) Perylene-d12	15.29	264	370608	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	936016	77.45	ng		0.00
7) Phenol-d6	6.38	99	1181219	77.81	ng		0.01
23) Nitrobenzene-d5	7.31	82	1040976	83.56	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	330998	90.10	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1764365	84.29	ng		0.00
79) Terphenyl-d14	12.83	244	1726510	84.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	215366	35.550	ng		98
3) Pyridine	3.15	79	617355	38.090	ng		99
4) n-Nitrosodimethylamine	3.08	42	256238	36.141	ng		97
6) Aniline	6.40	93	794689	38.029	ng		99
8) 2-Chlorophenol	6.53	128	536157	39.853	ng		99
9) Benzaldehyde	6.29	77	411474	37.616	ng		96
10) Phenol	6.39	94	683178	38.563	ng		97
11) bis(2-Chloroethyl)ether	6.48	93	517158	38.033	ng		98
12) 1,3-Dichlorobenzene	6.69	146	557231	40.095	ng		99
13) 1,4-Dichlorobenzene	6.76	146	557418	39.994	ng		99
14) 1,2-Dichlorobenzene	6.92	146	509978	39.915	ng		97
15) Benzyl Alcohol	6.89	79	456854	39.464	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	838368	36.945	ng		99
17) 2-Methylphenol	7.00	107	427438	39.164	ng		96
18) Hexachloroethane	7.26	117	211845	39.680	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	350741	36.479	ng		98
20) 3+4-Methylphenols	7.16	107	484525	39.322	ng	#	89
22) Acetophenone	7.16	105	699425	40.127	ng	#	98
24) Nitrobenzene	7.33	77	558108	40.253	ng		98
25) Isophorone	7.57	82	991268	36.936	ng		99
26) 2-Nitrophenol	7.65	139	281947	48.849	ng		99
27) 2,4-Dimethylphenol	7.69	122	414536	38.606	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	635289	37.861	ng		100
29) 2,4-Dichlorophenol	7.89	162	432060	41.493	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	465273	41.585	ng		99
31) Naphthalene	8.05	128	1448280	39.133	ng		100
32) Benzoic acid	7.80	122	358097	47.582	ng		92
33) 4-Chloroaniline	8.10	127	630877	40.247	ng		99
34) Hexachlorobutadiene	8.17	225	273694	43.375	ng		98
35) Caprolactam	8.47	113	142349	38.814	ng		97
36) 4-Chloro-3-methylphenol	8.58	107	454618	39.450	ng		95
37) 2-Methylnaphthalene	8.74	142	953254	39.885	ng		100
38) 1-Methylnaphthalene	8.84	142	910264	39.318	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	434962	43.105	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	244976	44.334	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	296815	42.740	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	321361	42.812	ng		96
46) 1,1'-Biphenyl	9.20	154	1166172	41.318	ng		99
47) 2-Chloronaphthalene	9.23	162	884498	40.134	ng		99
48) 2-Nitroaniline	9.32	65	294658	43.987	ng		98
49) Acenaphthylene	9.64	152	1470875	39.313	ng		99
50) Dimethylphthalate	9.50	163	1014423	39.758	ng		99
51) 2,6-Dinitrotoluene	9.56	165	231008	43.478	ng		92
52) Acenaphthene	9.81	154	880543	40.245	ng		98
53) 3-Nitroaniline	9.73	138	273095	42.182	ng		99
54) 2,4-Dinitrophenol	9.83	184	107215	51.806	ng		95
55) Dibenzofuran	9.98	168	1241387	39.038	ng		99
56) 4-Nitrophenol	9.88	139	224083	42.587	ng		99
57) 2,4-Dinitrotoluene	9.96	165	303937	46.020	ng	#	85
58) Fluorene	10.32	166	901754	39.954	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	266829	42.666	ng		97
60) Diethylphthalate	10.20	149	1020408	37.866	ng		100
61) 4-Chlorophenyl-phenylether	10.32	204	439321	41.836	ng		97
62) 4-Nitroaniline	10.33	138	257612	43.061	ng		98
63) Azobenzene	10.47	77	1007920	36.517	ng		97
65) 4,6-Dinitro-2-methylphenol	10.37	198	131077	48.253	ng		86
66) n-Nitrosodiphenylamine	10.43	169	848605	40.045	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	297901	42.804	ng		95
68) Hexachlorobenzene	10.87	284	339015	43.212	ng	#	91
69) Atrazine	10.96	200	264402	40.739	ng		97
70) Pentachlorophenol	11.06	266	205598	44.525	ng		98
71) Phenanthrene	11.28	178	1352469	41.139	ng		99
72) Anthracene	11.33	178	1361311	39.558	ng		100
73) Carbazole	11.48	167	1285979	38.307	ng		100
74) Di-n-butylphthalate	11.82	149	1549558	38.496	ng		100
75) Fluoranthene	12.46	202	1397591	39.680	ng		96
77) Benzidine	12.58	184	750702	36.661	ng		99
78) Pyrene	12.69	202	1402929	42.164	ng		100
80) Butylbenzylphthalate	13.31	149	582660	39.672	ng		94
81) Benzo(a)anthracene	13.87	228	1021679	37.350	ng		100
82) 3,3'-Dichlorobenzidine	13.83	252	419801	40.578	ng		99
83) Chrysene	13.91	228	1028187	38.373	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	665133	38.610	ng		99
85) Di-n-octyl phthalate	14.48	149	1148147	38.814	ng		98
86) Indeno(1,2,3-cd)pyrene	16.66	276	1040566	45.553	ng		96
88) Benzo(b)fluoranthene	14.89	252	991208	41.349	ng		98
89) Benzo(k)fluoranthene	14.92	252	788344	36.306	ng		98
90) Benzo(a)pyrene	15.23	252	855945	40.368	ng	#	96
91) Dibenzo(a,h)anthracene	16.67	278	844605	46.680	ng		96
92) Benzo(g,h,i)perylene	17.06	276	866608	47.699	ng		97

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

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