Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071320\
Data File : BF120850.D
Acq On : 13 Jul 2020 10:05
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 13 14:18:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	193230	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	710696	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	360395	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	660261	20.00	ng		0.00
76) Chrysene-d12	14.00	240	509474	20.00	ng		0.00
86) Perylene-d12	15.46	264	486359	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	907964	72.53	ng		0.00
7) Phenol-d6	6.46	99	1156049	72.32	ng		0.00
23) Nitrobenzene-d5	7.40	82	933754	76.12	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	300146	82.90	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1669481	70.09	ng		0.00
79) Terphenyl-d14	12.95	244	1743335	67.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	217209	37.987	ng		96
3) Pyridine	3.31	79	596708	38.098	ng		97
4) n-Nitrosodimethylamine	3.26	42	258673	33.014	ng		88
6) Aniline	6.50	93	758534	36.947	ng		97
8) 2-Chlorophenol	6.62	128	503663	37.792	ng		99
9) Benzaldehyde	6.38	77	305763	32.161	ng		97
10) Phenol	6.47	94	641681	39.021	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	491424	36.724	ng		99
12) 1,3-Dichlorobenzene	6.77	146	543558	37.054	ng		99
13) 1,4-Dichlorobenzene	6.85	146	540592	36.794	ng		100
14) 1,2-Dichlorobenzene	7.00	146	506725	36.250	ng		99
15) Benzyl Alcohol	6.97	79	423960	35.298	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	720472	34.518	ng		99
17) 2-Methylphenol	7.09	107	447050	37.497	ng		97
18) Hexachloroethane	7.35	117	199706	36.164	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	325963	33.866	ng		94
20) 3+4-Methylphenols	7.24	107	512200	34.881	ng		90
22) Acetophenone	7.25	105	615578	34.847	ng	#	96
24) Nitrobenzene	7.42	77	516820	37.524	ng		97
25) Isophorone	7.66	82	949506	35.893	ng		100
26) 2-Nitrophenol	7.73	139	227328	39.984	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	402391	38.105	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	581308	37.129	ng		100
29) 2,4-Dichlorophenol	7.97	162	409261	38.821	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	452482	38.214	ng		100
31) Naphthalene	8.14	128	1406534	37.032	ng		100
32) Benzoic acid	7.88	122	306472	41.656	ng		95
33) 4-Chloroaniline	8.19	127	613716	38.079	ng		99
34) Hexachlorobutadiene	8.26	225	269131	37.792	ng		98
35) Caprolactam	8.56	113	127564	41.527	ng	#	81
36) 4-Chloro-3-methylphenol	8.67	107	420818	38.374	ng		92
37) 2-Methylnaphthalene	8.83	142	917361	37.155	ng		99
38) 1-Methylnaphthalene	8.93	142	863538	37.338	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	410921	37.727	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	240304	37.341	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	291524	39.279	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	325065	39.465	ng		98
46) 1,1'-Biphenyl	9.30	154	1066420	36.684	ng		98
47) 2-Chloronaphthalene	9.32	162	875464	37.591	ng		98
48) 2-Nitroaniline	9.42	65	260893	37.990	ng		89
49) Acenaphthylene	9.73	152	1349483	36.959	ng		99
50) Dimethylphthalate	9.60	163	987805	37.573	ng		100
51) 2,6-Dinitrotoluene	9.66	165	205667	39.773	ng		87
52) Acenaphthene	9.91	154	846541	37.372	ng		100
53) 3-Nitroaniline	9.83	138	258338	40.659	ng		91
54) 2,4-Dinitrophenol	9.93	184	81224	44.338	ng		89
55) Dibenzofuran	10.08	168	1218280	37.312	ng		97
56) 4-Nitrophenol	9.97	139	194346	41.347	ng		98
57) 2,4-Dinitrotoluene	10.06	165	267542	41.549	ng		89
58) Fluorene	10.42	166	857873	35.298	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	246317	40.186	ng		94
60) Diethylphthalate	10.30	149	1019307	37.219	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	440812	36.080	ng		96
62) 4-Nitroaniline	10.44	138	247431	44.296	ng		89
63) Azobenzene	10.57	77	965213	34.453	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	119874	43.879	ng		88
66) n-Nitrosodiphenylamine	10.53	169	825778	37.314	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	298684	38.998	ng		97
68) Hexachlorobenzene	10.97	284	318692	39.653	ng		93
69) Atrazine	11.06	200	205497	36.044	ng		99
70) Pentachlorophenol	11.16	266	189760	41.732	ng		99
71) Phenanthrene	11.39	178	1329301	37.105	ng		100
72) Anthracene	11.43	178	1343566	37.114	ng		99
73) Carbazole	11.59	167	1312537	37.729	ng		100
74) Di-n-butylphthalate	11.92	149	1525937	35.429	ng		99
75) Fluoranthene	12.57	202	1441983	37.784	ng		99
77) Benzidine	12.69	184	527346	36.671	ng		99
78) Pyrene	12.80	202	1488819	36.590	ng		99
80) Butylbenzylphthalate	13.42	149	654873	37.278	ng		99
81) Benzo(a)anthracene	13.99	228	1193133	36.534	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	454692	41.257	ng	#	97
83) Chrysene	14.03	228	1251529	37.570	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	754185	32.739	ng	#	97
85) Di-n-octyl phthalate	14.60	149	1470475	36.082	ng		98
87) Indeno(1,2,3-cd)pyrene	16.90	276	1215192	38.954	ng		99
88) Benzo(b)fluoranthene	15.03	252	1261483	39.453	ng		99
89) Benzo(k)fluoranthene	15.07	252	1116377	35.881	ng		100
90) Benzo(a)pyrene	15.40	252	1100010	38.566	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	1019532	39.212	ng		99
92) Benzo(g,h,i)perylene	17.34	276	949820	39.971	ng		98

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

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