Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
Data File : BF120869.D
Acq On : 15 Jul 2020 13:05
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 15 14:49:25 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	182016	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	642285	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	313671	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	571528	20.00	ng		0.00
76) Chrysene-d12	14.00	240	424165	20.00	ng		0.00
86) Perylene-d12	15.45	264	407443	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	875673	74.26	ng		0.00
7) Phenol-d6	6.46	99	1105787	73.44	ng		0.00
23) Nitrobenzene-d5	7.40	82	913064	82.36	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	278410	88.35	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1545472	74.54	ng		0.00
79) Terphenyl-d14	12.94	244	1553023	71.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	208378	38.687	ng		95
3) Pyridine	3.30	79	563681	38.207	ng		97
4) n-Nitrosodimethylamine	3.25	42	236648	32.064	ng		81
6) Aniline	6.50	93	716329	37.041	ng		97
8) 2-Chlorophenol	6.62	128	484671	38.608	ng		94
9) Benzaldehyde	6.38	77	321955	35.950	ng		96
10) Phenol	6.47	94	616072	39.772	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	472660	37.498	ng		98
12) 1,3-Dichlorobenzene	6.77	146	522773	37.833	ng		97
13) 1,4-Dichlorobenzene	6.85	146	518448	37.460	ng		98
14) 1,2-Dichlorobenzene	7.00	146	485157	36.846	ng		99
15) Benzyl Alcohol	6.97	79	390021	34.473	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	680510	34.612	ng		99
17) 2-Methylphenol	7.09	107	416716	37.106	ng		97
18) Hexachloroethane	7.35	117	193734	37.244	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	292612	32.274	ng		93
20) 3+4-Methylphenols	7.24	107	478238	34.575	ng		92
22) Acetophenone	7.25	105	562229	35.217	ng	#	96
24) Nitrobenzene	7.42	77	490922	39.441	ng		95
25) Isophorone	7.66	82	866261	36.234	ng		99
26) 2-Nitrophenol	7.73	139	246353	47.155	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	373556	39.142	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	540186	38.177	ng		99
29) 2,4-Dichlorophenol	7.97	162	386735	40.592	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	429213	40.109	ng		100
31) Naphthalene	8.14	128	1304055	37.991	ng		100
32) Benzoic acid	7.89	122	310270	46.156	ng		89
33) 4-Chloroaniline	8.19	127	577279	39.633	ng		99
34) Hexachlorobutadiene	8.26	225	254799	39.590	ng		98
35) Caprolactam	8.56	113	116692	42.034	ng		88
36) 4-Chloro-3-methylphenol	8.66	107	378210	38.162	ng		94
37) 2-Methylnaphthalene	8.83	142	849147	38.055	ng		98
38) 1-Methylnaphthalene	8.93	142	800931	38.320	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	391070	41.252	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	218783	39.061	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	270614	41.892	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	301503	42.057	ng		99
46) 1,1'-Biphenyl	9.29	154	991246	39.177	ng		100
47) 2-Chloronaphthalene	9.32	162	812129	40.066	ng		97
48) 2-Nitroaniline	9.41	65	250177	41.589	ng		97
49) Acenaphthylene	9.73	152	1237513	38.941	ng		100
50) Dimethylphthalate	9.60	163	907669	39.668	ng		99
51) 2,6-Dinitrotoluene	9.66	165	202575	44.710	ng	#	79
52) Acenaphthene	9.90	154	786050	39.871	ng		99
53) 3-Nitroaniline	9.82	138	248913	44.780	ng	#	96
54) 2,4-Dinitrophenol	9.93	184	94847	56.230	ng		90
55) Dibenzofuran	10.08	168	1112129	39.134	ng		96
56) 4-Nitrophenol	9.97	139	186297	45.326	ng		93
57) 2,4-Dinitrotoluene	10.06	165	263014	46.532	ng	#	81
58) Fluorene	10.42	166	799042	37.775	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	228341	42.803	ng		97
60) Diethylphthalate	10.29	149	904638	37.953	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	411378	38.687	ng		94
62) 4-Nitroaniline	10.43	138	235724	48.486	ng		88
63) Azobenzene	10.57	77	872242	35.772	ng		95
65) 4,6-Dinitro-2-methylphenol	10.46	198	127807	52.422	ng		82
66) n-Nitrosodiphenylamine	10.53	169	757593	39.548	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	271305	40.922	ng		98
68) Hexachlorobenzene	10.97	284	290718	41.788	ng	#	90
69) Atrazine	11.06	200	171280	34.707	ng		99
70) Pentachlorophenol	11.16	266	169089	42.959	ng		99
71) Phenanthrene	11.38	178	1188104	38.313	ng		99
72) Anthracene	11.43	178	1211134	38.650	ng		99
73) Carbazole	11.59	167	1170459	38.869	ng		99
74) Di-n-butylphthalate	11.92	149	1384697	37.141	ng		100
75) Fluoranthene	12.57	202	1293058	39.142	ng		100
77) Benzidine	12.69	184	437383	36.533	ng		99
78) Pyrene	12.80	202	1315134	38.822	ng		99
80) Butylbenzylphthalate	13.42	149	578757	39.572	ng		99
81) Benzo(a)anthracene	13.99	228	1051607	38.677	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	399436	43.533	ng		98
83) Chrysene	14.02	228	1095603	39.504	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	701847	36.594	ng	#	97
85) Di-n-octyl phthalate	14.59	149	1299229	38.291	ng		98
87) Indeno(1,2,3-cd)pyrene	16.90	276	1131899	43.312	ng		100
88) Benzo(b)fluoranthene	15.03	252	1084233	40.477	ng		98
89) Benzo(k)fluoranthene	15.06	252	966108	37.066	ng		99
90) Benzo(a)pyrene	15.39	252	956902	40.046	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	938672	43.094	ng		99
92) Benzo(g,h,i)perylene	17.33	276	886696	44.541	ng		98

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

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