Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123499.D
Acq On : 29 Mar 2021 15:49
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 29 16:17:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:51:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	183634	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	653281	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	357299	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	632803	20.00	ng		0.00
76) Chrysene-d12	14.086	240	449099	20.00	ng		0.00
86) Perylene-d12	15.580	264	345959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	994138	88.57	ng		0.00
7) Phenol-d6	6.528	99	1318424	88.23	ng		0.00
23) Nitrobenzene-d5	7.463	82	1175448	97.11	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	375418	93.98	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1992948	79.69	ng		0.00
79) Terphenyl-d14	13.027	244	2193123	82.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	240959	44.63	ng	#	68
3) Pyridine	3.446	79	627553	44.20	ng	#	61
4) n-Nitrosodimethylamine	3.393	42	363505	42.80	ng	#	65
6) Aniline	6.563	93	802275	43.88	ng		91
8) 2-Chlorophenol	6.687	128	553214	44.69	ng		89
9) Benzaldehyde	6.445	77	318482	49.02	ng		93
10) Phenol	6.540	94	730147	47.60	ng		97
11) bis(2-Chloroethyl)ether	6.634	93	526909	43.08	ng	#	80
12) 1,3-Dichlorobenzene	6.845	146	584877	43.79	ng		97
13) 1,4-Dichlorobenzene	6.916	146	583579	43.69	ng		95
14) 1,2-Dichlorobenzene	7.075	146	553276	44.59	ng		98
15) Benzyl Alcohol	7.039	79	504316	43.11	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1107376	40.35	ng		88
17) 2-Methylphenol	7.151	107	458411	45.04	ng		98
18) Hexachloroethane	7.416	117	221334	44.23	ng		95
19) n-Nitroso-di-n-propyla...	7.316	70	404699	41.87	ng	#	78
20) 3+4-Methylphenols	7.304	107	540484	42.64	ng		90
22) Acetophenone	7.310	105	696591	42.48	ng	#	87
24) Nitrobenzene	7.487	77	627781	46.92	ng		96
25) Isophorone	7.722	82	1091950	41.96	ng		97
26) 2-Nitrophenol	7.798	139	273893	57.26	ng	#	86
27) 2,4-Dimethylphenol	7.834	122	451024	42.40	ng		98
28) bis(2-Chloroethoxy)met...	7.934	93	584124	41.65	ng		100
29) 2,4-Dichlorophenol	8.039	162	462662	44.31	ng		96
30) 1,2,4-Trichlorobenzene	8.128	180	488776	42.91	ng		99
31) Naphthalene	8.210	128	1521567	43.32	ng		100
32) Benzoic acid	7.951	122	296222	47.20	ng		95
33) 4-Chloroaniline	8.251	127	636787	44.19	ng	#	92
34) Hexachlorobutadiene	8.328	225	306591	44.13	ng		99
35) Caprolactam	8.628	113	144322	45.97	ng	#	39
36) 4-Chloro-3-methylphenol	8.733	107	497422	45.39	ng		95
37) 2-Methylnaphthalene	8.904	142	1030033	42.78	ng		100
38) 1-Methylnaphthalene	8.998	142	978656	43.30	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	454902	42.79	ng		99
41) Hexachlorocyclopentadiene	9.057	237	253529	42.71	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	322626	43.34	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	353015	45.13	ng		97
46) 1,1'-Biphenyl	9.369	154	1161582	42.19	ng		96
47) 2-Chloronaphthalene	9.392	162	944861	42.06	ng		99
48) 2-Nitroaniline	9.480	65	364609	53.49	ng	#	70
49) Acenaphthylene	9.810	152	1508339	42.93	ng		99
50) Dimethylphthalate	9.669	163	1067847	42.08	ng		100
51) 2,6-Dinitrotoluene	9.728	165	253504	47.82	ng	#	90
52) Acenaphthene	9.980	154	957118	43.64	ng		99
53) 3-Nitroaniline	9.892	138	277026	49.48	ng		84
54) 2,4-Dinitrophenol	9.998	184	118822	50.66	ng		95
55) Dibenzofuran	10.151	168	1320836	41.89	ng		97
56) 4-Nitrophenol	10.045	139	223781	49.56	ng	#	61
57) 2,4-Dinitrotoluene	10.128	165	339172	51.26	ng	#	86
58) Fluorene	10.498	166	1005463	42.24	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	288687	45.21	ng		93
60) Diethylphthalate	10.369	149	1014121	40.94	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	492372	42.32	ng		97
62) 4-Nitroaniline	10.510	138	268291	50.57	ng		93
63) Azobenzene	10.645	77	1124167	41.24	ng		90
65) 4,6-Dinitro-2-methylph...	10.539	198	178970	52.09	ng		88
66) n-Nitrosodiphenylamine	10.604	169	902321	42.56	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	324793	43.33	ng		94
68) Hexachlorobenzene	11.045	284	360312	43.63	ng		99
69) Atrazine	11.133	200	296014	43.92	ng		98
70) Pentachlorophenol	11.233	266	225918	45.84	ng		97
71) Phenanthrene	11.463	178	1510999	43.19	ng		100
72) Anthracene	11.510	178	1527951	43.42	ng		99
73) Carbazole	11.663	167	1465114	44.07	ng		99
74) Di-n-butylphthalate	11.998	149	1515843	40.06	ng		99
75) Fluoranthene	12.651	202	1637262	43.23	ng		98
77) Benzidine	12.769	184	592846	44.32	ng		98
78) Pyrene	12.880	202	1667951	43.05	ng		99
80) Butylbenzylphthalate	13.498	149	616625	42.91	ng		91
81) Benzo(a)anthracene	14.074	228	1308487	44.51	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	432233	45.21	ng		97
83) Chrysene	14.110	228	1289084	42.48	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	741991	39.23	ng		99
85) Di-n-octyl phthalate	14.680	149	1139536	38.11	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.092	276	960009	44.65	ng		98
88) Benzo(b)fluoranthene	15.139	252	1029451	43.13	ng		97
89) Benzo(k)fluoranthene	15.168	252	1054690	46.74	ng		98
90) Benzo(a)pyrene	15.515	252	914640	44.39	ng		99
91) Dibenzo(a,h)anthracene	17.109	278	790329	43.30	ng		99
92) Benzo(g,h,i)perylene	17.551	276	817757	44.76	ng		98

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

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