Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
Data File : BF125795.D
Acq On : 12 Oct 2021 11:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 12 14:45:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	281845	20.00	ng		0.00
21) Naphthalene-d8	8.127	136	1123872	20.00	ng		# 0.00
39) Acenaphthene-d10	9.880	164	569521	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	927898	20.00	ng		0.00
76) Chrysene-d12	13.998	240	494277	20.00	ng		0.00
86) Perylene-d12	15.451	264	442492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1316518	76.31	ng		0.00
7) Phenol-d6	6.475	99	1694714	76.30	ng		0.00
23) Nitrobenzene-d5	7.410	82	1376242	76.12	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	433984	77.18	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2418064	73.23	ng		0.00
79) Terphenyl-d14	12.945	244	2284213	70.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	288440	39.26	ng	#	100
3) Pyridine	3.357	79	760931	40.04	ng	#	72
4) n-Nitrosodimethylamine	3.316	42	267826	39.15	ng	#	1
6) Aniline	6.510	93	1011454	39.55	ng		93
8) 2-Chlorophenol	6.628	128	726456	38.44	ng		96
9) Benzaldehyde	6.392	77	455844	37.82	ng		94
10) Phenol	6.486	94	894140	41.40	ng		88
11) bis(2-Chloroethyl)ether	6.581	93	669887	38.28	ng		99
12) 1,3-Dichlorobenzene	6.786	146	785607	38.11	ng		97
13) 1,4-Dichlorobenzene	6.863	146	792132	37.68	ng		98
14) 1,2-Dichlorobenzene	7.016	146	746222	37.90	ng		98
15) Benzyl Alcohol	6.986	79	571476	38.83	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	838605	37.47	ng		88
17) 2-Methylphenol	7.092	107	587033	39.02	ng		96
18) Hexachloroethane	7.363	117	279945	38.67	ng	#	85
19) n-Nitroso-di-n-propyla...	7.263	70	439920	37.52	ng	#	68
20) 3+4-Methylphenols	7.251	107	708894	38.21	ng	#	85
22) Acetophenone	7.257	105	902041	36.51	ng	#	90
24) Nitrobenzene	7.428	77	665703	37.99	ng		98
25) Isophorone	7.669	82	1189310	37.13	ng		94
26) 2-Nitrophenol	7.745	139	366185	41.33	ng	#	93
27) 2,4-Dimethylphenol	7.775	122	545980	37.00	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	822958	37.01	ng		97
29) 2,4-Dichlorophenol	7.980	162	605569	38.10	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	643611	36.92	ng		97
31) Naphthalene	8.151	128	1974792	36.34	ng		99
32) Benzoic acid	7.892	122	362038	34.89	ng		99
33) 4-Chloroaniline	8.192	127	865498	38.06	ng		99
34) Hexachlorobutadiene	8.269	225	363522	37.34	ng		100
35) Caprolactam	8.569	113	178471	38.86	ng	#	85
36) 4-Chloro-3-methylphenol	8.675	107	587918	37.86	ng		97
37) 2-Methylnaphthalene	8.839	142	1278024	36.32	ng		99
38) 1-Methylnaphthalene	8.939	142	1248593	36.56	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	568663	37.20	ng		98
41) Hexachlorocyclopentadiene	8.998	237	278225	37.09	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	427089	38.55	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	453215	38.47	ng		92
46) 1,1'-Biphenyl	9.304	154	1526779	36.46	ng		96
47) 2-Chloronaphthalene	9.327	162	1269738	37.35	ng		98
48) 2-Nitroaniline	9.422	65	332926	40.79	ng	#	82
49) Acenaphthylene	9.745	152	1837708	36.91	ng		97
50) Dimethylphthalate	9.604	163	1394864	37.21	ng		97
51) 2,6-Dinitrotoluene	9.663	165	306198	40.41	ng	#	88
52) Acenaphthene	9.916	154	1144862	36.81	ng		96
53) 3-Nitroaniline	9.827	138	364885	40.72	ng		90
54) 2,4-Dinitrophenol	9.933	184	140641	43.72	ng	#	68
55) Dibenzofuran	10.086	168	1690162	36.27	ng		97
56) 4-Nitrophenol	9.980	139	285805	42.79	ng		87
57) 2,4-Dinitrotoluene	10.063	165	395803	41.31	ng	#	83
58) Fluorene	10.427	166	1232131	36.10	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	344424	38.74	ng	#	89
60) Diethylphthalate	10.304	149	1323941	37.01	ng		97
61) 4-Chlorophenyl-phenyle...	10.421	204	593547	36.11	ng		87
62) 4-Nitroaniline	10.445	138	353336	42.67	ng	#	73
63) Azobenzene	10.580	77	1239672	36.87	ng		83
65) 4,6-Dinitro-2-methylph...	10.469	198	210242	45.42	ng	#	78
66) n-Nitrosodiphenylamine	10.539	169	1139424	36.00	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	370507	36.05	ng		95
68) Hexachlorobenzene	10.974	284	428763	36.82	ng	#	87
69) Atrazine	11.063	200	339516	36.95	ng		93
70) Pentachlorophenol	11.163	266	255583	41.06	ng		94
71) Phenanthrene	11.386	178	1795238	36.16	ng		96
72) Anthracene	11.439	178	1804345	36.39	ng		97
73) Carbazole	11.592	167	1762394	38.19	ng		99
74) Di-n-butylphthalate	11.921	149	1893535	37.17	ng		99
75) Fluoranthene	12.574	202	1730140	38.62	ng		97
77) Benzidine	12.692	184	583527	32.26	ng		97
78) Pyrene	12.804	202	1722996	34.31	ng		96
80) Butylbenzylphthalate	13.415	149	648564	40.29	ng		94
81) Benzo(a)anthracene	13.986	228	1182952	36.89	ng		100
82) 3,3'-Dichlorobenzidine	13.945	252	376686	37.18	ng		99
83) Chrysene	14.021	228	1176350	37.11	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	695658	39.72	ng		99
85) Di-n-octyl phthalate	14.592	149	948172	32.49	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.903	276	1228270	36.37	ng		97
88) Benzo(b)fluoranthene	15.027	252	988635	39.57	ng		97
89) Benzo(k)fluoranthene	15.056	252	1008273	39.31	ng		98
90) Benzo(a)pyrene	15.386	252	853568	38.58	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	1021013	36.65	ng		96
92) Benzo(g,h,i)perylene	17.339	276	1034178	36.35	ng		93

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

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