Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123240.D
Acq On : 20 Feb 2021 10:26
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 22 03:14:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	173184	20.00	ng		# 0.00
21) Naphthalene-d8	8.145	136	677479	20.00	ng		# 0.00
39) Acenaphthene-d10	9.904	164	343531	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	616276	20.00	ng		# 0.00
76) Chrysene-d12	14.045	240	457769	20.00	ng		0.00
86) Perylene-d12	15.515	264	407021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	953724	79.27	ng		0.00
7) Phenol-d6	6.492	99	1304567	79.81	ng		0.00
23) Nitrobenzene-d5	7.428	82	1186616	80.18	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	260425	74.45	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1776790	74.29	ng		0.00
79) Terphenyl-d14	12.986	244	1867819	78.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	224546	32.34	ng		92
3) Pyridine	3.381	79	602628	35.62	ng		96
4) n-Nitrosodimethylamine	3.334	42	280106	35.80	ng		88
6) Aniline	6.522	93	794210	41.14	ng		95
8) 2-Chlorophenol	6.645	128	512160	39.62	ng		90
9) Benzaldehyde	6.410	77	367003	45.10	ng		91
10) Phenol	6.504	94	719855	40.41	ng		97
11) bis(2-Chloroethyl)ether	6.598	93	519609	40.67	ng		96
12) 1,3-Dichlorobenzene	6.798	146	527517	39.23	ng	#	92
13) 1,4-Dichlorobenzene	6.875	146	535105	39.05	ng		94
14) 1,2-Dichlorobenzene	7.034	146	497022	38.99	ng		96
15) Benzyl Alcohol	7.004	79	526140	41.28	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	737933	42.11	ng		99
17) 2-Methylphenol	7.110	107	434186	39.94	ng		95
18) Hexachloroethane	7.375	117	205281	41.47	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	402614	41.40	ng	#	93
20) 3+4-Methylphenols	7.269	107	535714	37.52	ng		91
22) Acetophenone	7.269	105	684941	38.98	ng	#	88
24) Nitrobenzene	7.445	77	636365	40.78	ng		92
25) Isophorone	7.686	82	1124497	40.63	ng		96
26) 2-Nitrophenol	7.757	139	271668	41.56	ng	#	86
27) 2,4-Dimethylphenol	7.798	122	404021	39.93	ng		96
28) bis(2-Chloroethoxy)met...	7.892	93	591960	40.87	ng		99
29) 2,4-Dichlorophenol	8.004	162	411831	39.42	ng		96
30) 1,2,4-Trichlorobenzene	8.086	180	436758	38.45	ng		98
31) Naphthalene	8.169	128	1432652	38.59	ng		99
32) Benzoic acid	7.922	122	329442	44.14	ng		88
33) 4-Chloroaniline	8.216	127	589989	39.05	ng	#	95
34) Hexachlorobutadiene	8.286	225	240710	37.57	ng		99
35) Caprolactam	8.592	113	141326	40.31	ng	#	79
36) 4-Chloro-3-methylphenol	8.698	107	494180	39.79	ng		92
37) 2-Methylnaphthalene	8.857	142	955332	38.63	ng		99
38) 1-Methylnaphthalene	8.957	142	898986	38.86	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	384494	37.46	ng	#	97
41) Hexachlorocyclopentadiene	9.016	237	189600	39.42	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	286700	39.38	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	310243	39.82	ng	#	89
46) 1,1'-Biphenyl	9.322	154	1101195	38.64	ng		98
47) 2-Chloronaphthalene	9.351	162	869873	38.69	ng		100
48) 2-Nitroaniline	9.445	65	341463	42.39	ng	#	78
49) Acenaphthylene	9.769	152	1322437	38.78	ng		99
50) Dimethylphthalate	9.627	163	987932	38.46	ng		100
51) 2,6-Dinitrotoluene	9.686	165	238960	40.36	ng	#	76
52) Acenaphthene	9.939	154	923939	39.29	ng		98
53) 3-Nitroaniline	9.857	138	263409	40.09	ng	#	79
54) 2,4-Dinitrophenol	9.963	184	127150	40.88	ng		90
55) Dibenzofuran	10.110	168	1221904	38.38	ng		96
56) 4-Nitrophenol	10.016	139	215417	41.14	ng	#	73
57) 2,4-Dinitrotoluene	10.092	165	313086	39.32	ng		88
58) Fluorene	10.457	166	932163	37.20	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	241054	38.78	ng	#	83
60) Diethylphthalate	10.327	149	968290	38.06	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	438178	36.74	ng		97
62) 4-Nitroaniline	10.474	138	261174	39.48	ng		93
63) Azobenzene	10.604	77	1160003	39.57	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	179144	43.18	ng		93
66) n-Nitrosodiphenylamine	10.563	169	838931	39.36	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	258071	38.41	ng	#	86
68) Hexachlorobenzene	11.004	284	267822	37.84	ng	#	89
69) Atrazine	11.092	200	256629	38.11	ng		96
70) Pentachlorophenol	11.198	266	180995	40.50	ng		98
71) Phenanthrene	11.421	178	1402169	38.47	ng		99
72) Anthracene	11.469	178	1406228	38.67	ng		100
73) Carbazole	11.627	167	1328913	38.81	ng		99
74) Di-n-butylphthalate	11.957	149	1482543	38.72	ng		99
75) Fluoranthene	12.610	202	1449159	37.52	ng		99
77) Benzidine	12.727	184	619508	41.90	ng		99
78) Pyrene	12.839	202	1486598	41.60	ng		100
80) Butylbenzylphthalate	13.457	149	643040	42.56	ng		86
81) Benzo(a)anthracene	14.033	228	1225652	39.40	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	424575	41.05	ng		97
83) Chrysene	14.074	228	1201599	39.33	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	845607	40.66	ng		99
85) Di-n-octyl phthalate	14.639	149	1440271	40.53	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.003	276	1014477	36.07	ng	#	95
88) Benzo(b)fluoranthene	15.092	252	1183517	41.40	ng		98
89) Benzo(k)fluoranthene	15.121	252	1056058	40.75	ng		99
90) Benzo(a)pyrene	15.457	252	1021625	40.08	ng	#	98
91) Dibenzo(a,h)anthracene	17.015	278	860377	35.65	ng	#	97
92) Benzo(g,h,i)perylene	17.451	276	806058	36.26	ng		95

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

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