Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
Data File : BF125625.D
Acq On : 24 Sep 2021 17:28
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 24 19:05:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	218410	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	873551	20.00	ng		# 0.00
39) Acenaphthene-d10	9.928	164	479561	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	828374	20.00	ng		0.00
76) Chrysene-d12	14.045	240	470346	20.00	ng		0.00
86) Perylene-d12	15.521	264	428082	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	957610	72.24	ng		0.00
7) Phenol-d6	6.510	99	1265410	71.00	ng		0.00
23) Nitrobenzene-d5	7.451	82	1015978	81.12	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	348996	78.05	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2025136	74.17	ng		0.00
79) Terphenyl-d14	12.998	244	1996656	73.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	201610	35.74	ng	#	100
3) Pyridine	3.434	79	534908	35.85	ng	#	72
4) n-Nitrosodimethylamine	3.381	42	197656	35.70	ng	#	5
6) Aniline	6.551	93	724462	35.21	ng		94
8) 2-Chlorophenol	6.675	128	552720	36.76	ng		98
9) Benzaldehyde	6.439	77	323728	39.76	ng		93
10) Phenol	6.522	94	643788	35.73	ng		92
11) bis(2-Chloroethyl)ether	6.622	93	489157	34.94	ng		99
12) 1,3-Dichlorobenzene	6.834	146	588755	35.46	ng		96
13) 1,4-Dichlorobenzene	6.910	146	590041	34.93	ng		97
14) 1,2-Dichlorobenzene	7.063	146	559847	35.13	ng		99
15) Benzyl Alcohol	7.028	79	443521	35.88	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	617485	34.65	ng		89
17) 2-Methylphenol	7.134	107	438413	35.55	ng		96
18) Hexachloroethane	7.404	117	200152	36.50	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	347840	34.28	ng	#	69
20) 3+4-Methylphenols	7.287	107	548750	35.40	ng		88
22) Acetophenone	7.298	105	702486	35.44	ng	#	90
24) Nitrobenzene	7.469	77	528370	41.47	ng		96
25) Isophorone	7.710	82	993589	35.42	ng		94
26) 2-Nitrophenol	7.786	139	268772	41.14	ng		94
27) 2,4-Dimethylphenol	7.816	122	458503	36.76	ng		95
28) bis(2-Chloroethoxy)met...	7.916	93	564326	35.67	ng		98
29) 2,4-Dichlorophenol	8.022	162	470226	37.95	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	481434	35.69	ng		98
31) Naphthalene	8.192	128	1586173	35.36	ng		98
32) Benzoic acid	7.928	122	341901	39.31	ng		98
33) 4-Chloroaniline	8.239	127	665481	35.37	ng		98
34) Hexachlorobutadiene	8.316	225	265894	35.75	ng		99
35) Caprolactam	8.610	113	149371	36.94	ng	#	78
36) 4-Chloro-3-methylphenol	8.716	107	482950	37.20	ng		97
37) 2-Methylnaphthalene	8.886	142	1077367	35.42	ng		98
38) 1-Methylnaphthalene	8.986	142	1012858	35.23	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	440729	35.34	ng		98
41) Hexachlorocyclopentadiene	9.039	237	203980	38.65	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	337504	38.59	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	362574	38.40	ng		94
46) 1,1'-Biphenyl	9.351	154	1234047	34.90	ng		98
47) 2-Chloronaphthalene	9.375	162	1031917	35.25	ng		97
48) 2-Nitroaniline	9.463	65	260261	38.58	ng		95
49) Acenaphthylene	9.792	152	1557411	35.34	ng		99
50) Dimethylphthalate	9.645	163	1145725	35.46	ng		98
51) 2,6-Dinitrotoluene	9.704	165	259701	40.19	ng		95
52) Acenaphthene	9.963	154	965250	34.93	ng		97
53) 3-Nitroaniline	9.875	138	291937	39.46	ng		89
54) 2,4-Dinitrophenol	9.975	184	102272	43.24	ng	#	87
55) Dibenzofuran	10.133	168	1450689	34.99	ng		95
56) 4-Nitrophenol	10.022	139	250816	42.15	ng		89
57) 2,4-Dinitrotoluene	10.110	165	335157	41.55	ng	#	79
58) Fluorene	10.475	166	1064048	32.97	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	283799	39.05	ng	#	90
60) Diethylphthalate	10.345	149	1098420	35.27	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	480770	33.52	ng		88
62) 4-Nitroaniline	10.486	138	286167	39.24	ng	#	77
63) Azobenzene	10.627	77	1058671	35.20	ng		85
65) 4,6-Dinitro-2-methylph...	10.516	198	154642	40.17	ng	#	76
66) n-Nitrosodiphenylamine	10.586	169	989211	34.79	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	304022	34.97	ng		96
68) Hexachlorobenzene	11.022	284	355060	34.80	ng	#	87
69) Atrazine	11.110	200	279916	37.12	ng		92
70) Pentachlorophenol	11.210	266	222075	41.18	ng		95
71) Phenanthrene	11.439	178	1601688	34.48	ng		98
72) Anthracene	11.486	178	1613534	35.15	ng		98
73) Carbazole	11.639	167	1574921	34.86	ng		98
74) Di-n-butylphthalate	11.969	149	1664056	36.54	ng		100
75) Fluoranthene	12.621	202	1587356	31.97	ng		97
77) Benzidine	12.739	184	449913	36.41	ng		98
78) Pyrene	12.851	202	1609415	37.86	ng		96
80) Butylbenzylphthalate	13.468	149	555474	39.46	ng		98
81) Benzo(a)anthracene	14.039	228	1138849	35.65	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	335800	36.43	ng		98
83) Chrysene	14.074	228	1128878	35.21	ng		96
84) Bis(2-ethylhexyl)phtha...	14.027	149	602682	37.40	ng		100
85) Di-n-octyl phthalate	14.639	149	910118	38.51	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.009	276	1128944	38.85	ng		98
88) Benzo(b)fluoranthene	15.086	252	1075101	35.85	ng		99
89) Benzo(k)fluoranthene	15.121	252	989850	34.45	ng		97
90) Benzo(a)pyrene	15.457	252	952007	35.66	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	959903	39.52	ng		97
92) Benzo(g,h,i)perylene	17.456	276	978857	39.46	ng		94

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

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