Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
Data File : BF125622.D
Acq On : 24 Sep 2021 15:52
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF092421

Quant Time: Sep 24 16:44:02 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	217933	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	880725	20.00	ng		# 0.00
39) Acenaphthene-d10	9.928	164	479771	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	834065	20.00	ng		# 0.00
76) Chrysene-d12	14.045	240	502632	20.00	ng		0.00
86) Perylene-d12	15.521	264	460235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	953626	72.09	ng		0.00
7) Phenol-d6	6.510	99	1261732	70.95	ng		0.00
23) Nitrobenzene-d5	7.451	82	1033284	81.83	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	352998	78.91	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2022125	74.00	ng		0.00
79) Terphenyl-d14	12.992	244	2059474	70.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	197487	35.08	ng	#	100
3) Pyridine	3.428	79	533193	35.81	ng	#	71
4) n-Nitrosodimethylamine	3.381	42	195704	35.42	ng	#	1
6) Aniline	6.551	93	734251	35.76	ng		94
8) 2-Chlorophenol	6.675	128	553153	36.87	ng		98
9) Benzaldehyde	6.440	77	322842	39.73	ng		93
10) Phenol	6.522	94	643381	35.79	ng		92
11) bis(2-Chloroethyl)ether	6.622	93	485026	34.72	ng		98
12) 1,3-Dichlorobenzene	6.834	146	582038	35.13	ng		96
13) 1,4-Dichlorobenzene	6.910	146	584994	34.70	ng		98
14) 1,2-Dichlorobenzene	7.063	146	556889	35.02	ng		99
15) Benzyl Alcohol	7.028	79	448558	36.36	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	614773	34.57	ng		89
17) 2-Methylphenol	7.134	107	439713	35.74	ng		97
18) Hexachloroethane	7.404	117	199254	36.42	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	350616	34.63	ng	#	69
20) 3+4-Methylphenols	7.287	107	552757	35.73	ng		87
22) Acetophenone	7.298	105	700588	35.06	ng	#	90
24) Nitrobenzene	7.469	77	541322	42.15	ng		95
25) Isophorone	7.710	82	1001310	35.41	ng		93
26) 2-Nitrophenol	7.786	139	272517	41.34	ng	#	92
27) 2,4-Dimethylphenol	7.816	122	462556	36.78	ng		94
28) bis(2-Chloroethoxy)met...	7.916	93	563572	35.33	ng		97
29) 2,4-Dichlorophenol	8.022	162	477455	38.22	ng		96
30) 1,2,4-Trichlorobenzene	8.110	180	485162	35.67	ng		95
31) Naphthalene	8.192	128	1608455	35.57	ng		98
32) Benzoic acid	7.928	122	356390	40.35	ng		98
33) 4-Chloroaniline	8.239	127	677584	35.72	ng		98
34) Hexachlorobutadiene	8.316	225	263509	35.14	ng		99
35) Caprolactam	8.610	113	152918	37.51	ng	#	79
36) 4-Chloro-3-methylphenol	8.716	107	485516	37.09	ng		98
37) 2-Methylnaphthalene	8.886	142	1083973	35.34	ng		99
38) 1-Methylnaphthalene	8.986	142	1026031	35.40	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	441898	35.42	ng		98
41) Hexachlorocyclopentadiene	9.039	237	197875	37.48	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	344062	39.32	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	363656	38.49	ng		93
46) 1,1'-Biphenyl	9.351	154	1242786	35.13	ng		99
47) 2-Chloronaphthalene	9.375	162	1037332	35.42	ng		98
48) 2-Nitroaniline	9.463	65	274111	40.40	ng		95
49) Acenaphthylene	9.792	152	1570356	35.62	ng		98
50) Dimethylphthalate	9.651	163	1158071	35.83	ng		98
51) 2,6-Dinitrotoluene	9.704	165	263343	40.68	ng		96
52) Acenaphthene	9.963	154	988485	35.76	ng		97
53) 3-Nitroaniline	9.875	138	296765	40.05	ng		89
54) 2,4-Dinitrophenol	9.975	184	105724	44.28	ng		88
55) Dibenzofuran	10.133	168	1459520	35.19	ng		96
56) 4-Nitrophenol	10.022	139	254544	42.75	ng		88
57) 2,4-Dinitrotoluene	10.110	165	336851	41.72	ng	#	80
58) Fluorene	10.475	166	1087791	33.70	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	289019	39.75	ng	#	89
60) Diethylphthalate	10.345	149	1109045	35.59	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	480297	33.47	ng		87
62) 4-Nitroaniline	10.486	138	293131	40.13	ng	#	78
63) Azobenzene	10.627	77	1061236	35.27	ng		85
65) 4,6-Dinitro-2-methylph...	10.516	198	163599	41.74	ng	#	75
66) n-Nitrosodiphenylamine	10.586	169	1007277	35.18	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	306904	35.06	ng		97
68) Hexachlorobenzene	11.022	284	360039	35.05	ng	#	89
69) Atrazine	11.110	200	282394	37.20	ng		94
70) Pentachlorophenol	11.210	266	227495	41.90	ng		96
71) Phenanthrene	11.439	178	1637537	35.01	ng		97
72) Anthracene	11.486	178	1642759	35.54	ng		98
73) Carbazole	11.639	167	1604639	35.28	ng		98
74) Di-n-butylphthalate	11.974	149	1682873	36.70	ng		98
75) Fluoranthene	12.621	202	1655193	33.11	ng		96
77) Benzidine	12.739	184	445625	33.75	ng		97
78) Pyrene	12.851	202	1672871	36.83	ng		96
80) Butylbenzylphthalate	13.468	149	593165	39.43	ng		99
81) Benzo(a)anthracene	14.039	228	1191113	34.89	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	347433	35.27	ng		99
83) Chrysene	14.074	228	1185866	34.61	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	665135	38.63	ng		100
85) Di-n-octyl phthalate	14.639	149	998871	39.55	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.004	276	1152025	36.88	ng		97
88) Benzo(b)fluoranthene	15.086	252	1157325	35.89	ng		99
89) Benzo(k)fluoranthene	15.121	252	1069831	34.63	ng		98
90) Benzo(a)pyrene	15.457	252	1022370	35.62	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	967133	37.04	ng		97
92) Benzo(g,h,i)perylene	17.456	276	981913	36.82	ng		93

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

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