Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140261.D
Acq On : 07 Nov 2024 08:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 07 11:25:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	194677	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	715714	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	419359	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	752975	20.000	ng	0.00
76) Chrysene-d12	14.069	240	445081	20.000	ng	0.00
86) Perylene-d12	15.574	264	403199	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	906997	77.209	ng	0.00
7) Phenol-d6	6.504	99	1138875	75.373	ng	0.00
23) Nitrobenzene-d5	7.445	82	1094171	76.008	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	350361	84.523	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1977554	75.300	ng	0.00
79) Terphenyl-d14	12.998	244	2168622	79.817	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	200882	37.195	ng	97
3) Pyridine	3.434	79	506092	38.404	ng	96
4) n-Nitrosodimethylamine	3.393	42	267891	35.210	ng	90
6) Aniline	6.545	93	534368	39.144	ng	98
8) 2-Chlorophenol	6.663	128	479333	38.998	ng	98
9) Benzaldehyde	6.428	77	315403	33.887	ng	97
10) Phenol	6.522	94	607766	37.873	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	471124	38.646	ng	97
12) 1,3-Dichlorobenzene	6.822	146	557420	38.700	ng	99
13) 1,4-Dichlorobenzene	6.898	146	561898	38.680	ng	99
14) 1,2-Dichlorobenzene	7.051	146	521160	38.411	ng	99
15) Benzyl Alcohol	7.016	79	452069	38.811	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	734865	37.241	ng	99
17) 2-Methylphenol	7.128	107	396285	38.649	ng	99
18) Hexachloroethane	7.392	117	210637	38.926	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	362395	37.595	ng	96
20) 3+4-Methylphenols	7.281	107	490947	38.125	ng	97
22) Acetophenone	7.287	105	672389	37.892	ng	97
24) Nitrobenzene	7.463	77	571335	37.824	ng	97
25) Isophorone	7.698	82	953132	38.453	ng	99
26) 2-Nitrophenol	7.775	139	252757	42.066	ng	97
27) 2,4-Dimethylphenol	7.810	122	325493	39.819	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	577412	38.927	ng	100
29) 2,4-Dichlorophenol	8.016	162	412164	40.758	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	480250	39.632	ng	99
31) Naphthalene	8.181	128	1422582	38.491	ng	100
32) Benzoic acid	7.922	122	288181	42.958	ng	97
33) 4-Chloroaniline	8.228	127	481974	39.613	ng	98
34) Hexachlorobutadiene	8.298	225	321442	39.190	ng	99
35) Caprolactam	8.610	113	127521	41.453	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	447530	39.748	ng	98
37) 2-Methylnaphthalene	8.869	142	938464	38.907	ng	100
38) 1-Methylnaphthalene	8.969	142	914918	38.699	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	480933	39.174	ng	99
41) Hexachlorocyclopentadiene	9.022	237	150071	43.624	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	309855	40.729	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	326707	40.843	ng	97
46) 1,1'-Biphenyl	9.339	154	1160423	38.283	ng	100
47) 2-Chloronaphthalene	9.363	162	888766	38.957	ng	99
48) 2-Nitroaniline	9.457	65	296007	38.797	ng	97
49) Acenaphthylene	9.781	152	1252730	38.784	ng	100
50) Dimethylphthalate	9.639	163	1022633	39.596	ng	100
51) 2,6-Dinitrotoluene	9.704	165	246161	40.548	ng	97
52) Acenaphthene	9.951	154	895958	39.108	ng	98
53) 3-Nitroaniline	9.875	138	228239	39.927	ng	98
54) 2,4-Dinitrophenol	9.981	184	109148	39.959	ng	87
55) Dibenzofuran	10.128	168	1256148	39.211	ng	99
56) 4-Nitrophenol	10.028	139	167108	41.576	ng	97
57) 2,4-Dinitrotoluene	10.110	165	325967	41.377	ng	94
58) Fluorene	10.469	166	979800	38.422	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	273869	41.794	ng	96
60) Diethylphthalate	10.339	149	1031656	40.197	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	503053	39.141	ng	97
62) 4-Nitroaniline	10.492	138	230595	40.593	ng	95
63) Azobenzene	10.622	77	1019197	38.308	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	167582	42.376	ng	98
66) n-Nitrosodiphenylamine	10.580	169	836051	38.604	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	326292	40.242	ng	99
68) Hexachlorobenzene	11.016	284	370542	40.092	ng	99
69) Atrazine	11.104	200	247507	41.773	ng	98
70) Pentachlorophenol	11.210	266	218148	43.956	ng	98
71) Phenanthrene	11.433	178	1398948	38.930	ng	100
72) Anthracene	11.486	178	1346619	38.217	ng	100
73) Carbazole	11.639	167	1249878	38.820	ng	100
74) Di-n-butylphthalate	11.969	149	1531243	40.178	ng	99
75) Fluoranthene	12.622	202	1469730	39.115	ng	100
77) Benzidine	12.745	184	451274	51.858	ng	99
78) Pyrene	12.857	202	1472157	40.060	ng	99
80) Butylbenzylphthalate	13.474	149	579719	43.809	ng	95
81) Benzo(a)anthracene	14.051	228	1124424	39.366	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	356844	39.783	ng	100
83) Chrysene	14.092	228	1039746	38.872	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	768735	41.449	ng	99
85) Di-n-octyl phthalate	14.680	149	1165904	41.766	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	939217	39.684	ng	100
88) Benzo(b)fluoranthene	15.139	252	934843	38.331	ng	99
89) Benzo(k)fluoranthene	15.168	252	904586	40.421	ng	99
90) Benzo(a)pyrene	15.515	252	799772	39.774	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	768014	39.442	ng	100
92) Benzo(g,h,i)perylene	17.551	276	779089	39.222	ng	99

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

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