Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140336.D
Acq On : 13 Nov 2024 10:55
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 13 14:25:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	148463	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	586279	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	331728	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	632223	20.000	ng	0.00
76) Chrysene-d12	14.051	240	388943	20.000	ng	0.00
86) Perylene-d12	15.557	264	311863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	677626	77.930	ng	0.00
7) Phenol-d6	6.504	99	946216	80.319	ng	0.00
23) Nitrobenzene-d5	7.440	82	877508	77.984	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	263119	79.763	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1572100	76.184	ng	0.00
79) Terphenyl-d14	12.986	244	1742820	77.779	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	154146	39.775	ng	100
3) Pyridine	3.405	79	382986	40.198	ng	100
4) n-Nitrosodimethylamine	3.357	42	192628	40.003	ng	100
6) Aniline	6.540	93	425456	41.515	ng	100
8) 2-Chlorophenol	6.663	128	370701	39.688	ng	100
9) Benzaldehyde	6.428	77	260889	36.950	ng	100
10) Phenol	6.522	94	502021	40.408	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	378935	40.254	ng	100
12) 1,3-Dichlorobenzene	6.822	146	406977	39.490	ng	100
13) 1,4-Dichlorobenzene	6.898	146	411084	39.339	ng	100
14) 1,2-Dichlorobenzene	7.051	146	382669	39.446	ng	100
15) Benzyl Alcohol	7.016	79	358091	42.189	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	530243	40.780	ng	100
17) 2-Methylphenol	7.128	107	314603	40.944	ng	100
18) Hexachloroethane	7.393	117	153572	39.753	ng	100
19) n-Nitroso-di-n-propyla...	7.293	70	288670	40.571	ng	100
20) 3+4-Methylphenols	7.281	107	395109	41.118	ng	100
22) Acetophenone	7.287	105	529063	38.800	ng	100
24) Nitrobenzene	7.463	77	460624	39.317	ng	100
25) Isophorone	7.698	82	787090	39.468	ng	100
26) 2-Nitrophenol	7.775	139	211040	40.593	ng	100
27) 2,4-Dimethylphenol	7.810	122	268328	40.314	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	477302	39.033	ng	100
29) 2,4-Dichlorophenol	8.016	162	322297	39.181	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	353150	38.561	ng	100
31) Naphthalene	8.181	128	1148892	38.630	ng	100
32) Benzoic acid	7.928	122	245903	42.056	ng	100
33) 4-Chloroaniline	8.228	127	399524	38.627	ng	100
34) Hexachlorobutadiene	8.298	225	225219	38.597	ng	100
35) Caprolactam	8.598	113	112334	40.618	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	366826	40.240	ng	100
37) 2-Methylnaphthalene	8.869	142	742376	38.928	ng	100
38) 1-Methylnaphthalene	8.969	142	725329	38.841	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	355977	38.805	ng	100
41) Hexachlorocyclopentadiene	9.022	237	98272	41.724	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	244089	40.545	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	257053	39.054	ng	100
46) 1,1'-Biphenyl	9.334	154	942910	39.071	ng	100
47) 2-Chloronaphthalene	9.363	162	716360	38.967	ng	100
48) 2-Nitroaniline	9.457	65	243438	39.929	ng	100
49) Acenaphthylene	9.775	152	1087956	39.115	ng	100
50) Dimethylphthalate	9.634	163	841505	38.918	ng	100
51) 2,6-Dinitrotoluene	9.698	165	197900	40.147	ng	100
52) Acenaphthene	9.951	154	746043	39.712	ng	100
53) 3-Nitroaniline	9.869	138	208811	40.336	ng	100
54) 2,4-Dinitrophenol	9.975	184	113174	44.522	ng	100
55) Dibenzofuran	10.122	168	1033467	38.860	ng	100
56) 4-Nitrophenol	10.022	139	163344	43.259	ng	100
57) 2,4-Dinitrotoluene	10.104	165	260180	40.105	ng	100
58) Fluorene	10.463	166	815602	38.821	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	208729	40.198	ng	100
60) Diethylphthalate	10.333	149	871480	39.416	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	404855	39.033	ng	100
62) 4-Nitroaniline	10.481	138	215159	40.649	ng	100
63) Azobenzene	10.616	77	859001	39.321	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	147559	43.381	ng	100
66) n-Nitrosodiphenylamine	10.575	169	709138	38.821	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	243599	38.546	ng	100
68) Hexachlorobenzene	11.010	284	278173	39.121	ng	100
69) Atrazine	11.098	200	185007	33.476	ng	100
70) Pentachlorophenol	11.204	266	165275	43.150	ng	100
71) Phenanthrene	11.428	178	1137943	38.316	ng	100
72) Anthracene	11.480	178	1121783	38.540	ng	100
73) Carbazole	11.633	167	1123698	39.098	ng	100
74) Di-n-butylphthalate	11.957	149	1354967	39.281	ng	100
75) Fluoranthene	12.616	202	1297414	38.938	ng	100
77) Benzidine	12.733	184	292665	19.605	ng	100
78) Pyrene	12.845	202	1332483	40.052	ng	100
80) Butylbenzylphthalate	13.457	149	524341	41.027	ng	100
81) Benzo(a)anthracene	14.039	228	1013978	39.667	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	299711	36.888	ng	100
83) Chrysene	14.080	228	870477	37.322	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	685506	40.185	ng	100
85) Di-n-octyl phthalate	14.663	149	896675	37.322	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	840644	43.637	ng	100
88) Benzo(b)fluoranthene	15.116	252	778884	38.180	ng	100
89) Benzo(k)fluoranthene	15.151	252	677473	40.651	ng	100
90) Benzo(a)pyrene	15.492	252	632079	39.898	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	694901	43.639	ng	100
92) Benzo(g,h,i)perylene	17.515	276	718718	44.148	ng	100

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

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