Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012324\
Data File : BF137133.D
Acq On : 23 Jan 2024 13:38
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 24 03:49:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 03:42:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	159772	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	654400	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	327833	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	597472	20.000	ng	0.00
76) Chrysene-d12	13.992	240	326607	20.000	ng	0.00
86) Perylene-d12	15.480	264	295002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	845336	82.313	ng	0.00
7) Phenol-d6	6.445	99	1041588	81.290	ng	0.00
23) Nitrobenzene-d5	7.381	82	905125	84.072	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	252658	88.390	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1672693	77.923	ng	0.00
79) Terphenyl-d14	12.939	244	1839344	80.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	203530	40.667	ng	100
3) Pyridine	3.352	79	489676	41.659	ng	100
4) n-Nitrosodimethylamine	3.316	42	274476	41.792	ng	100
6) Aniline	6.481	93	672426	41.891	ng	100
8) 2-Chlorophenol	6.598	128	473028	41.892	ng	100
9) Benzaldehyde	6.369	77	293013	41.620	ng	100
10) Phenol	6.457	94	613216	41.108	ng	100
11) bis(2-Chloroethyl)ether	6.557	93	457578	40.538	ng	100
12) 1,3-Dichlorobenzene	6.757	146	490586	39.965	ng	100
13) 1,4-Dichlorobenzene	6.834	146	500533	40.541	ng	100
14) 1,2-Dichlorobenzene	6.981	146	476581	40.429	ng	100
15) Benzyl Alcohol	6.957	79	411123	41.919	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	786679	40.792	ng	100
17) 2-Methylphenol	7.063	107	375501	40.759	ng	100
18) Hexachloroethane	7.328	117	184124	41.866	ng	100
19) n-Nitroso-di-n-propyla...	7.234	70	335024	40.790	ng	100
20) 3+4-Methylphenols	7.216	107	454487	40.909	ng	100
22) Acetophenone	7.228	105	630804	39.413	ng	100
24) Nitrobenzene	7.398	77	473337	44.187	ng	100
25) Isophorone	7.634	82	920737	40.289	ng	100
26) 2-Nitrophenol	7.710	139	165934	37.116	ng	100
27) 2,4-Dimethylphenol	7.745	122	328232	40.345	ng	100
28) bis(2-Chloroethoxy)met...	7.845	93	560337	40.057	ng	100
29) 2,4-Dichlorophenol	7.945	162	376523	42.151	ng	100
30) 1,2,4-Trichlorobenzene	8.034	180	423696	40.373	ng	100
31) Naphthalene	8.116	128	1326061	39.750	ng	100
32) Benzoic acid	7.863	122	204906	35.846	ng	100
33) 4-Chloroaniline	8.163	127	544196	40.379	ng	100
34) Hexachlorobutadiene	8.234	225	236452	40.143	ng	100
35) Caprolactam	8.534	113	120091	42.440	ng	100
36) 4-Chloro-3-methylphenol	8.639	107	408314	41.034	ng	100
37) 2-Methylnaphthalene	8.804	142	850854	39.699	ng	100
38) 1-Methylnaphthalene	8.904	142	792854	39.740	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	386209	40.017	ng	100
41) Hexachlorocyclopentadiene	8.957	237	185374	43.947	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	251609	42.512	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	275255	43.264	ng	100
46) 1,1'-Biphenyl	9.269	154	1057520	40.049	ng	100
47) 2-Chloronaphthalene	9.292	162	806622	40.225	ng	100
48) 2-Nitroaniline	9.386	65	232696	40.065	ng	100
49) Acenaphthylene	9.710	152	1261747	40.556	ng	100
50) Dimethylphthalate	9.575	163	926638	40.594	ng	100
51) 2,6-Dinitrotoluene	9.633	165	174654	40.717	ng	100
52) Acenaphthene	9.881	154	787651	40.732	ng	100
53) 3-Nitroaniline	9.804	138	205142	41.039	ng	100
54) 2,4-Dinitrophenol	9.904	184	51678	38.724	ng	100
55) Dibenzofuran	10.057	168	1113168	40.194	ng	100
56) 4-Nitrophenol	9.951	139	161418	43.530	ng	100
57) 2,4-Dinitrotoluene	10.033	165	213238	39.806	ng	100
58) Fluorene	10.398	166	806158	39.159	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	220988	43.125	ng	100
60) Diethylphthalate	10.281	149	904705	40.937	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	388483	38.927	ng	100
62) 4-Nitroaniline	10.416	138	203303	41.144	ng	100
63) Azobenzene	10.557	77	968132	40.648	ng	100
65) 4,6-Dinitro-2-methylph...	10.445	198	78426	36.869	ng	100
66) n-Nitrosodiphenylamine	10.516	169	756760	40.201	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	254330	41.106	ng	100
68) Hexachlorobenzene	10.945	284	278462	40.074	ng	100
69) Atrazine	11.045	200	249497	41.993	ng	100
70) Pentachlorophenol	11.139	266	170535	45.322	ng	100
71) Phenanthrene	11.363	178	1282358	40.065	ng	100
72) Anthracene	11.416	178	1300077	39.944	ng	100
73) Carbazole	11.569	167	1151375	40.501	ng	100
74) Di-n-butylphthalate	11.916	149	1352032	41.924	ng	100
75) Fluoranthene	12.557	202	1289656	40.529	ng	100
77) Benzidine	12.680	184	471582	43.897	ng	100
78) Pyrene	12.786	202	1316742	41.570	ng	100
80) Butylbenzylphthalate	13.421	149	480013	40.173	ng	100
81) Benzo(a)anthracene	13.980	228	1027294	41.390	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	313431	42.578	ng	100
83) Chrysene	14.021	228	982586	41.120	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	589186	44.645	ng	100
85) Di-n-octyl phthalate	14.610	149	855463	41.893	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	812988	43.135	ng	100
88) Benzo(b)fluoranthene	15.039	252	777246	42.683	ng	100
89) Benzo(k)fluoranthene	15.074	252	737453	40.750	ng	100
90) Benzo(a)pyrene	15.415	252	668094	41.934	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	663871	43.223	ng	100
92) Benzo(g,h,i)perylene	17.445	276	649294	43.687	ng	100

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

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