Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
Data File : BF137113.D
Acq On : 19 Jan 2024 15:54
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jan 20 00:52:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 20 00:41:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	172065	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	691259	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	347132	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	602906	20.000	ng		0.00
76) Chrysene-d12	14.004	240	287957	20.000	ng		0.00
86) Perylene-d12	15.492	264	341849	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1304134	111.076	ng		0.00
7) Phenol-d6	6.457	99	1661357	112.715	ng		0.01
23) Nitrobenzene-d5	7.387	82	1516057	125.503	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	393623	117.114	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2430629	105.093	ng		0.00
79) Terphenyl-d14	12.951	244	2369706	117.632	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	307662	58.056	ng		99
3) Pyridine	3.369	79	752187	58.466	ng		98
4) n-Nitrosodimethylamine	3.352	42	430935	60.175	ng		98
6) Aniline	6.481	93	763891m	53.249	ng		
8) 2-Chlorophenol	6.610	128	694734	55.944	ng		99
9) Benzaldehyde	6.375	77	399657	48.517	ng		98
10) Phenol	6.469	94	874637	54.851	ng		92
11) bis(2-Chloroethyl)ether	6.563	93	805997	63.780	ng		96
12) 1,3-Dichlorobenzene	6.763	146	760856	55.772	ng		98
13) 1,4-Dichlorobenzene	6.840	146	766052	55.762	ng		98
14) 1,2-Dichlorobenzene	6.992	146	694833	54.582	ng		100
15) Benzyl Alcohol	6.963	79	605444	56.941	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1191291	56.605	ng		99
17) 2-Methylphenol	7.069	107	590173	57.955	ng		98
18) Hexachloroethane	7.328	117	293627	58.367	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	516500	56.904	ng		99
20) 3+4-Methylphenols	7.228	107	677899	54.254	ng		99
22) Acetophenone	7.234	105	933200	54.575	ng	#	95
24) Nitrobenzene	7.404	77	797810	60.496	ng		100
25) Isophorone	7.645	82	1447937	58.228	ng		99
26) 2-Nitrophenol	7.716	139	334493	61.419	ng		96
27) 2,4-Dimethylphenol	7.751	122	471030	58.753	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	848256	56.271	ng		99
29) 2,4-Dichlorophenol	7.957	162	583582	58.864	ng		99
30) 1,2,4-Trichlorobenzene	8.039	180	646032	56.410	ng		97
31) Naphthalene	8.122	128	2024015	55.200	ng		99
32) Benzoic acid	7.892	122	481555	67.904	ng		99
33) 4-Chloroaniline	8.187	127	779389	57.769	ng		99
34) Hexachlorobutadiene	8.239	225	376098	56.448	ng		99
35) Caprolactam	8.557	113	188491m	59.899	ng		
36) 4-Chloro-3-methylphenol	8.651	107	632017	58.360	ng		97
37) 2-Methylnaphthalene	8.810	142	1280180	54.856	ng		99
38) 1-Methylnaphthalene	8.910	142	1269460	55.767	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	574569	56.554	ng		100
41) Hexachlorocyclopentadiene	8.963	237	242189	62.047	ng		96
43) 2,4,6-Trichlorophenol	9.086	196	389311	58.869	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	418373	58.038	ng		98
46) 1,1'-Biphenyl	9.281	154	1555503	55.043	ng		99
47) 2-Chloronaphthalene	9.304	162	1217094	55.612	ng		99
48) 2-Nitroaniline	9.398	65	393835	68.508	ng		98
49) Acenaphthylene	9.722	152	1757744	56.400	ng		100
50) Dimethylphthalate	9.592	163	1375705	56.643	ng		99
51) 2,6-Dinitrotoluene	9.645	165	316029	65.275	ng		97
52) Acenaphthene	9.892	154	1196261	56.538	ng		99
53) 3-Nitroaniline	9.816	138	329643	63.869	ng		96
54) 2,4-Dinitrophenol	9.916	184	114876	62.298	ng		99
55) Dibenzofuran	10.063	168	1613882	55.107	ng		96
56) 4-Nitrophenol	9.969	139	267957	63.982	ng		94
57) 2,4-Dinitrotoluene	10.045	165	392261	67.752	ng		97
58) Fluorene	10.410	166	1172342	53.185	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	314194	56.189	ng		99
60) Diethylphthalate	10.286	149	1350583	56.501	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	560878	52.428	ng		97
62) 4-Nitroaniline	10.433	138	310075	63.021	ng		100
63) Azobenzene	10.563	77	1423211	56.884	ng		97
65) 4,6-Dinitro-2-methylph...	10.457	198	164507	61.794	ng		79
66) n-Nitrosodiphenylamine	10.522	169	1109428	57.636	ng		98
67) 4-Bromophenyl-phenylether	10.892	248	376778	57.827	ng		94
68) Hexachlorobenzene	10.951	284	426540	58.028	ng	#	93
69) Atrazine	11.051	200	136933	35.416	ng		99
70) Pentachlorophenol	11.145	266	256536	59.030	ng		100
71) Phenanthrene	11.375	178	1785903	55.591	ng		99
72) Anthracene	11.428	178	1784422	55.760	ng		99
73) Carbazole	11.580	167	1595393	54.964	ng		99
74) Di-n-butylphthalate	11.922	149	1877070	56.409	ng		99
75) Fluoranthene	12.563	202	1767182	54.004	ng		99
77) Benzidine	12.686	184	154980	53.315	ng		98
78) Pyrene	12.798	202	1775034	61.743	ng		99
80) Butylbenzylphthalate	13.427	149	620996	66.731	ng		99
81) Benzo(a)anthracene	13.992	228	1293525	60.488	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	302062	57.609	ng		98
83) Chrysene	14.027	228	1257348	60.830	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	737054	65.138	ng		99
85) Di-n-octyl phthalate	14.621	149	1273526	69.744	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1496593	64.793	ng		99
88) Benzo(b)fluoranthene	15.057	252	1211868	55.718	ng		99
89) Benzo(k)fluoranthene	15.086	252	1169463	58.808	ng		98
90) Benzo(a)pyrene	15.433	252	1076006	59.958	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	1204541	63.516	ng		99
92) Benzo(g,h,i)perylene	17.486	276	1277861	64.748	ng		99

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

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