Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
Data File : BF137112.D
Acq On : 19 Jan 2024 15:24
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 20 00:50:53 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	6.816	152	171607	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	691662	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	350184	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	633095	20.000	ng		0.00
76) Chrysene-d12	13.998	240	306831	20.000	ng		0.00
86) Perylene-d12	15.492	264	336091	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1076766	91.956	ng		0.00
7) Phenol-d6	6.451	99	1357048	92.315	ng		0.00
23) Nitrobenzene-d5	7.386	82	1212605	100.324	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	318361	93.896	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	2059801	88.283	ng		0.00
79) Terphenyl-d14	12.945	244	2083559	97.065	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	250982	47.487	ng		99
3) Pyridine	3.363	79	602613	46.965	ng		97
4) n-Nitrosodimethylamine	3.334	42	345202	48.332	ng		97
6) Aniline	6.481	93	711999m	49.764	ng		
8) 2-Chlorophenol	6.604	128	574371	46.375	ng		96
9) Benzaldehyde	6.369	77	351389	42.771	ng		99
10) Phenol	6.469	94	736182	46.291	ng		96
11) bis(2-Chloroethyl)ether	6.563	93	585473	46.454	ng		98
12) 1,3-Dichlorobenzene	6.763	146	627057	46.087	ng		97
13) 1,4-Dichlorobenzene	6.839	146	631155	46.066	ng		97
14) 1,2-Dichlorobenzene	6.992	146	575689	45.343	ng		98
15) Benzyl Alcohol	6.963	79	497136	46.880	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	974157	46.412	ng		99
17) 2-Methylphenol	7.069	107	476154	46.883	ng		98
18) Hexachloroethane	7.328	117	238536	47.542	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	421673	46.581	ng		98
20) 3+4-Methylphenols	7.228	107	562155	45.111	ng	#	87
22) Acetophenone	7.234	105	768694	44.928	ng	#	95
24) Nitrobenzene	7.404	77	649199	49.198	ng		98
25) Isophorone	7.639	82	1180699	47.454	ng		98
26) 2-Nitrophenol	7.716	139	260910	48.554	ng		94
27) 2,4-Dimethylphenol	7.751	122	375056	46.754	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	699727	46.391	ng		99
29) 2,4-Dichlorophenol	7.951	162	473589	47.741	ng		97
30) 1,2,4-Trichlorobenzene	8.039	180	534400	46.636	ng		98
31) Naphthalene	8.122	128	1671864	45.570	ng		99
32) Benzoic acid	7.881	122	381862m	53.815	ng		
33) 4-Chloroaniline	8.175	127	646742	47.909	ng		99
34) Hexachlorobutadiene	8.239	225	309457	46.419	ng		100
35) Caprolactam	8.551	113	152690	48.494	ng		98
36) 4-Chloro-3-methylphenol	8.645	107	520265	48.013	ng		94
37) 2-Methylnaphthalene	8.810	142	1073438	45.971	ng		100
38) 1-Methylnaphthalene	8.910	142	1040402	45.678	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	474264	46.274	ng		100
41) Hexachlorocyclopentadiene	8.963	237	197182	50.076	ng		97
43) 2,4,6-Trichlorophenol	9.086	196	321615	48.209	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	343073	47.177	ng		95
46) 1,1'-Biphenyl	9.280	154	1302979	45.705	ng		97
47) 2-Chloronaphthalene	9.304	162	1022808	46.327	ng		98
48) 2-Nitroaniline	9.398	65	316223	54.528	ng		94
49) Acenaphthylene	9.716	152	1458784	46.400	ng		99
50) Dimethylphthalate	9.586	163	1135534	46.347	ng		99
51) 2,6-Dinitrotoluene	9.645	165	254369	52.082	ng		93
52) Acenaphthene	9.892	154	985445	46.168	ng		98
53) 3-Nitroaniline	9.810	138	268341	51.539	ng		99
54) 2,4-Dinitrophenol	9.910	184	83908	47.320	ng	#	85
55) Dibenzofuran	10.063	168	1344206	45.499	ng		98
56) 4-Nitrophenol	9.963	139	217760	51.543	ng		99
57) 2,4-Dinitrotoluene	10.045	165	320008	54.790	ng		96
58) Fluorene	10.410	166	980377	44.088	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	261032	46.275	ng		99
60) Diethylphthalate	10.286	149	1136801	47.143	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	477296	44.227	ng		94
62) 4-Nitroaniline	10.427	138	255215	51.419	ng		98
63) Azobenzene	10.563	77	1180197	46.760	ng		96
65) 4,6-Dinitro-2-methylph...	10.451	198	125951	47.030	ng		95
66) n-Nitrosodiphenylamine	10.522	169	921896	45.610	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	315388	46.097	ng		95
68) Hexachlorobenzene	10.951	284	356956	46.246	ng		95
69) Atrazine	11.051	200	143672	35.387	ng		98
70) Pentachlorophenol	11.145	266	219294	48.054	ng		99
71) Phenanthrene	11.369	178	1521715	45.109	ng		99
72) Anthracene	11.421	178	1525702	45.402	ng		99
73) Carbazole	11.580	167	1362453	44.701	ng		99
74) Di-n-butylphthalate	11.921	149	1616063	46.250	ng		99
75) Fluoranthene	12.563	202	1526045	44.411	ng		99
77) Benzidine	12.686	184	203894	65.828	ng		100
78) Pyrene	12.792	202	1543888	50.399	ng		98
80) Butylbenzylphthalate	13.427	149	528301	53.278	ng		99
81) Benzo(a)anthracene	13.986	228	1114009	48.889	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	259091	46.374	ng		98
83) Chrysene	14.027	228	1047016	47.539	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	626512	51.963	ng		99
85) Di-n-octyl phthalate	14.621	149	1013125	52.070	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	1195663	52.651	ng		100
88) Benzo(b)fluoranthene	15.057	252	990392	46.315	ng		98
89) Benzo(k)fluoranthene	15.086	252	925282	47.326	ng		99
90) Benzo(a)pyrene	15.427	252	853661	48.383	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	970071	52.028	ng		99
92) Benzo(g,h,i)perylene	17.474	276	1023379	52.742	ng		98

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

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