Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
Data File : BF139240.D
Acq On : 04 Sep 2024 14:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Sep 04 15:49:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 15:37:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	125651	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	446344	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	237514	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	416725	20.000	ng	0.00
76) Chrysene-d12	14.057	240	195048	20.000	ng	0.00
86) Perylene-d12	15.527	264	227492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	881309	117.334	ng	0.00
7) Phenol-d6	6.522	99	1154035	115.091	ng	0.00
23) Nitrobenzene-d5	7.457	82	1040793	120.710	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	246010	119.948	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1717708	111.637	ng	0.00
79) Terphenyl-d14	12.998	244	1300462	107.650	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	209163	59.798	ng	99
3) Pyridine	3.434	79	494901	58.615	ng	99
4) n-Nitrosodimethylamine	3.399	42	333552	60.835	ng	98
6) Aniline	6.557	93	528773	57.346	ng	98
8) 2-Chlorophenol	6.681	128	449788	57.781	ng	98
9) Benzaldehyde	6.440	77	306274	50.460	ng	99
10) Phenol	6.540	94	610127	57.686	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	441953	58.326	ng	99
12) 1,3-Dichlorobenzene	6.834	146	509970	57.879	ng	99
13) 1,4-Dichlorobenzene	6.910	146	504597	57.217	ng	100
14) 1,2-Dichlorobenzene	7.063	146	463889	56.399	ng	99
15) Benzyl Alcohol	7.034	79	431568	59.017	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	840807	58.290	ng	99
17) 2-Methylphenol	7.140	107	370939	58.336	ng	99
18) Hexachloroethane	7.404	117	183763	58.342	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	334197	57.373	ng	99
20) 3+4-Methylphenols	7.298	107	456294	56.938	ng	94
22) Acetophenone	7.304	105	611355	57.493	ng	99
24) Nitrobenzene	7.481	77	543870	59.723	ng	99
25) Isophorone	7.716	82	880480	60.025	ng	100
26) 2-Nitrophenol	7.792	139	229444	64.150	ng	99
27) 2,4-Dimethylphenol	7.828	122	307154	60.214	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	517632	59.230	ng	100
29) 2,4-Dichlorophenol	8.028	162	365537	59.850	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	415232	59.527	ng	99
31) Naphthalene	8.198	128	1307420	57.842	ng	100
32) Benzoic acid	7.951	122	305692	65.921	ng	98
33) 4-Chloroaniline	8.245	127	465125	59.429	ng	99
34) Hexachlorobutadiene	8.310	225	263898	59.704	ng	99
35) Caprolactam	8.628	113	116599	61.667	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	399250	59.987	ng	99
37) 2-Methylnaphthalene	8.886	142	817343	57.796	ng	99
38) 1-Methylnaphthalene	8.986	142	801742	57.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	388370	57.794	ng	99
41) Hexachlorocyclopentadiene	9.039	237	136960	63.419	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	264200	60.090	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	279317	60.623	ng		99
46) 1,1'-Biphenyl	9.351	154	1015330	57.697	ng		99
47) 2-Chloronaphthalene	9.375	162	772614	58.145	ng		99
48) 2-Nitroaniline	9.469	65	288929	63.129	ng		95
49) Acenaphthylene	9.792	152	1161388	58.031	ng		99
50) Dimethylphthalate	9.657	163	842789	58.544	ng		100
51) 2,6-Dinitrotoluene	9.716	165	198666	60.832	ng		99
52) Acenaphthene	9.963	154	781763	58.895	ng		99
53) 3-Nitroaniline	9.886	138	209990	60.349	ng		99
54) 2,4-Dinitrophenol	9.986	184	100250	60.603	ng	#	74
55) Dibenzofuran	10.139	168	1096596	57.622	ng		100
56) 4-Nitrophenol	10.033	139	164779	64.161	ng		98
57) 2,4-Dinitrotoluene	10.116	165	260522	62.675	ng		99
58) Fluorene	10.480	166	835730	56.640	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	216641	59.733	ng		100
60) Diethylphthalate	10.351	149	834162	58.881	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	405466	56.983	ng		98
62) 4-Nitroaniline	10.498	138	203618	61.476	ng		98
63) Azobenzene	10.633	77	882235	59.086	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	130156	67.595	ng		100
66) n-Nitrosodiphenylamine	10.592	169	714757	58.923	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	244576	60.490	ng		97
68) Hexachlorobenzene	11.022	284	270911	58.530	ng		97
70) Pentachlorophenol	11.216	266	173716	64.972	ng		99
71) Phenanthrene	11.439	178	1123509	57.712	ng		99
72) Anthracene	11.492	178	1094810	57.569	ng		99
73) Carbazole	11.645	167	1019030	57.332	ng		100
74) Di-n-butylphthalate	11.975	149	1066701	58.613	ng		99
75) Fluoranthene	12.627	202	1071006	54.875	ng		99
77) Benzidine	12.751	184	230100	58.589	ng		99
78) Pyrene	12.857	202	1056197	56.056	ng		100
80) Butylbenzylphthalate	13.474	149	290620	65.521	ng		100
81) Benzo(a)anthracene	14.045	228	750807	60.283	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	220691	66.722	ng		99
83) Chrysene	14.080	228	685531	58.975	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	364345	69.984	ng		99
85) Di-n-octyl phthalate	14.651	149	699961	70.225	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	872064	61.362	ng		100
88) Benzo(b)fluoranthene	15.098	252	819961	62.587	ng		100
89) Benzo(k)fluoranthene	15.127	252	668918	56.944	ng		99
90) Benzo(a)pyrene	15.468	252	688905	61.926	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	712980	60.877	ng		99
92) Benzo(g,h,i)perylene	17.474	276	737569	61.010	ng		99

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

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