Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090823\
Data File : BF135156.D
Acq On : 08 Sep 2023 20:15
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF090823

Quant Time: Sep 09 03:06:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 03:05:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	127207	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	512030	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	263308	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	489347	20.000	ng	0.00
76) Chrysene-d12	13.945	240	237801	20.000	ng	0.00
86) Perylene-d12	15.404	264	228028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	596096	72.518	ng	0.00
7) Phenol-d6	6.410	99	765976	74.054	ng	0.00
23) Nitrobenzene-d5	7.334	82	689346	73.284	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	214638	72.489	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1199800	71.552	ng	0.00
79) Terphenyl-d14	12.892	244	1172519	75.923	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	125183	36.755	ng	99
3) Pyridine	3.222	79	339933	37.635	ng	97
4) n-Nitrosodimethylamine	3.193	42	174707	38.634	ng	98
6) Aniline	6.434	93	471936	37.146	ng	99
8) 2-Chlorophenol	6.557	128	312467	36.831	ng	94
9) Benzaldehyde	6.322	77	213830	36.867	ng	99
10) Phenol	6.422	94	402167	37.162	ng	98
11) bis(2-Chloroethyl)ether	6.510	93	298986	37.307	ng	99
12) 1,3-Dichlorobenzene	6.704	146	321358	37.066	ng	100
13) 1,4-Dichlorobenzene	6.787	146	323333	37.128	ng	100
14) 1,2-Dichlorobenzene	6.934	146	302509	37.109	ng	99
15) Benzyl Alcohol	6.916	79	275061	37.482	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	485156	37.275	ng	99
17) 2-Methylphenol	7.028	107	273051	36.499	ng	98
18) Hexachloroethane	7.275	117	121256	37.988	ng	99
19) n-Nitroso-di-n-propyla...	7.187	70	225311	36.119	ng	98
20) 3+4-Methylphenols	7.181	107	331537	36.780	ng	98
22) Acetophenone	7.181	105	430029	36.410	ng	98
24) Nitrobenzene	7.351	77	353881	37.042	ng	99
25) Isophorone	7.592	82	635580	36.178	ng	99
26) 2-Nitrophenol	7.663	139	177240	38.008	ng	99
27) 2,4-Dimethylphenol	7.704	122	272545	36.995	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	380187	37.019	ng	99
29) 2,4-Dichlorophenol	7.910	162	260200	36.212	ng	94
30) 1,2,4-Trichlorobenzene	7.987	180	282798	36.094	ng	100
31) Naphthalene	8.069	128	920136	36.281	ng	100
32) Benzoic acid	7.839	122	194319	33.955	ng	97
33) 4-Chloroaniline	8.122	127	402826	36.463	ng	99
34) Hexachlorobutadiene	8.181	225	164507	36.483	ng	99
35) Caprolactam	8.504	113	87993	37.823	ng	98
36) 4-Chloro-3-methylphenol	8.610	107	294259	36.468	ng	96
37) 2-Methylnaphthalene	8.763	142	620899	36.086	ng	100
38) 1-Methylnaphthalene	8.857	142	579690	36.373	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	275053	36.825	ng	99
41) Hexachlorocyclopentadiene	8.910	237	108692	37.960	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	183825	37.090	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	209647	36.561	ng	99
46) 1,1'-Biphenyl	9.228	154	739102	36.182	ng	99
47) 2-Chloronaphthalene	9.251	162	565859	37.313	ng	100
48) 2-Nitroaniline	9.351	65	202385	37.776	ng	99
49) Acenaphthylene	9.669	152	854908	36.473	ng	99
50) Dimethylphthalate	9.533	163	682852	36.186	ng	99
51) 2,6-Dinitrotoluene	9.598	165	153924	37.250	ng	97
52) Acenaphthene	9.839	154	540109	36.713	ng	98
53) 3-Nitroaniline	9.769	138	174120	37.403	ng	98
54) 2,4-Dinitrophenol	9.875	184	76402	39.621	ng	98
55) Dibenzofuran	10.010	168	781474	36.560	ng	100
56) 4-Nitrophenol	9.933	139	118091	38.197	ng	90
57) 2,4-Dinitrotoluene	10.004	165	196125	37.878	ng	99
58) Fluorene	10.357	166	602917	35.947	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	160414	36.137	ng	98
60) Diethylphthalate	10.233	149	645270	36.428	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	297110	36.024	ng	99
62) 4-Nitroaniline	10.386	138	168447	37.018	ng	95
63) Azobenzene	10.510	77	649863	36.952	ng	100
65) 4,6-Dinitro-2-methylph...	10.416	198	113006	39.169	ng	91
66) n-Nitrosodiphenylamine	10.469	169	552224	36.108	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	189072	36.369	ng	99
68) Hexachlorobenzene	10.904	284	201535	36.180	ng	98
69) Atrazine	10.998	200	110938	30.214	ng	100
70) Pentachlorophenol	11.098	266	110561	36.573	ng	97
71) Phenanthrene	11.322	178	904561	35.386	ng	100
72) Anthracene	11.375	178	936039	35.869	ng	100
73) Carbazole	11.533	167	799958	36.059	ng	100
74) Di-n-butylphthalate	11.863	149	959575	36.301	ng	100
75) Fluoranthene	12.510	202	881184	34.898	ng	100
77) Benzidine	12.639	184	172537	35.799	ng	100
78) Pyrene	12.745	202	873620	37.901	ng	99
80) Butylbenzylphthalate	13.369	149	306653	38.076	ng	98
81) Benzo(a)anthracene	13.939	228	587898	36.472	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	174926	35.554	ng	99
83) Chrysene	13.974	228	569005	36.151	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	318884	37.505	ng	100
85) Di-n-octyl phthalate	14.551	149	488771	37.449	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	637628	38.491	ng	100
88) Benzo(b)fluoranthene	14.980	252	490060	35.351	ng	99
89) Benzo(k)fluoranthene	15.015	252	466038	34.605	ng	99
90) Benzo(a)pyrene	15.345	252	471583	36.377	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	522652	38.649	ng	97
92) Benzo(g,h,i)perylene	17.333	276	540146	38.715	ng	98

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

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