Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137766.D
Acq On : 30 Apr 2024 12:10
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: May 01 02:56:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 02:54:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.057	152	222631	20.000	ng		0.00
21) Naphthalene-d8	8.339	136	888092	20.000	ng		0.00
39) Acenaphthene-d10	10.104	164	517815	20.000	ng		0.00
64) Phenanthrene-d10	11.598	188	940066	20.000	ng		0.00
76) Chrysene-d12	14.251	240	687605	20.000	ng		0.00
86) Perylene-d12	15.821	264	513365	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	280022	21.059	ng		0.00
7) Phenol-d6	6.657	99	356987	21.166	ng		-0.02
23) Nitrobenzene-d5	7.610	82	311261	20.362	ng		-0.01
42) 2,4,6-Tribromophenol	10.892	330	107311	20.297	ng		0.00
45) 2-Fluorobiphenyl	9.416	172	708585	22.201	ng		0.00
79) Terphenyl-d14	13.180	244	880610	21.463	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.963	88	58912	9.839	ng		99
3) Pyridine	3.728	79	145191	10.019	ng		97
4) n-Nitrosodimethylamine	3.675	42	64007	9.808	ng		95
6) Aniline	6.716	93	167714	9.994	ng		98
8) 2-Chlorophenol	6.839	128	150737	10.402	ng		96
9) Benzaldehyde	6.610	77	109224	12.025	ng		98
10) Phenol	6.675	94	177953	10.297	ng		98
11) bis(2-Chloroethyl)ether	6.781	93	139747	10.327	ng		97
12) 1,3-Dichlorobenzene	6.998	146	172230	10.540	ng		98
13) 1,4-Dichlorobenzene	7.075	146	169588	10.343	ng		98
14) 1,2-Dichlorobenzene	7.228	146	164432	10.647	ng		99
15) Benzyl Alcohol	7.186	79	116246	9.967	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	194188	10.209	ng		98
17) 2-Methylphenol	7.286	107	118500	10.134	ng		99
18) Hexachloroethane	7.575	117	56095	10.120	ng		98
19) n-Nitroso-di-n-propyla...	7.451	70	103938	10.312	ng		98
20) 3+4-Methylphenols	7.439	107	159604	10.375	ng		98
22) Acetophenone	7.457	105	210229	10.525	ng	#	98
24) Nitrobenzene	7.633	77	159578	10.129	ng		98
25) Isophorone	7.869	82	280500	10.177	ng		99
26) 2-Nitrophenol	7.951	139	63156	8.852	ng		97
27) 2,4-Dimethylphenol	7.975	122	102891	10.018	ng		97
28) bis(2-Chloroethoxy)met...	8.075	93	172748	10.352	ng		99
29) 2,4-Dichlorophenol	8.186	162	124055	9.993	ng		97
30) 1,2,4-Trichlorobenzene	8.275	180	140494	10.381	ng		99
31) Naphthalene	8.363	128	471108	10.674	ng		99
32) Benzoic acid	8.033	122	66807	7.540	ng		91
33) 4-Chloroaniline	8.404	127	167849	10.256	ng		98
34) Hexachlorobutadiene	8.475	225	86264	10.382	ng		96
35) Caprolactam	8.739	113	38774	9.857	ng		98
36) 4-Chloro-3-methylphenol	8.869	107	131400	10.150	ng		97
37) 2-Methylnaphthalene	9.051	142	304636	10.663	ng		100
38) 1-Methylnaphthalene	9.151	142	299566	10.658	ng		100
40) 1,2,4,5-Tetrachloroben...	9.216	216	141300	10.303	ng		98
41) Hexachlorocyclopentadiene	9.204	237	50217	9.015	ng		97
43) 2,4,6-Trichlorophenol	9.322	196	91476	9.799	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	101014	9.799	ng		98
46) 1,1'-Biphenyl	9.516	154	372377	10.479	ng		98
47) 2-Chloronaphthalene	9.545	162	297311	10.363	ng		98
48) 2-Nitroaniline	9.633	65	73905	9.498	ng		98
49) Acenaphthylene	9.963	152	426573	10.278	ng		99
50) Dimethylphthalate	9.810	163	341905	10.459	ng		98
51) 2,6-Dinitrotoluene	9.874	165	72681	9.729	ng		93
52) Acenaphthene	10.133	154	284598	10.345	ng		99
53) 3-Nitroaniline	10.045	138	75421	9.641	ng		97
54) 2,4-Dinitrophenol	10.145	184	24534	6.684	ng	#	1
55) Dibenzofuran	10.310	168	427018	10.667	ng		96
56) 4-Nitrophenol	10.180	139	60996	9.407	ng		89
57) 2,4-Dinitrotoluene	10.274	165	92958	9.525	ng		94
58) Fluorene	10.651	166	340909	10.700	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.416	232	81183	9.701	ng		97
60) Diethylphthalate	10.510	149	324924	10.466	ng		99
61) 4-Chlorophenyl-phenyle...	10.639	204	166570	10.610	ng		97
62) 4-Nitroaniline	10.657	138	76898	9.691	ng		99
63) Azobenzene	10.798	77	316201	10.538	ng		99
65) 4,6-Dinitro-2-methylph...	10.680	198	40057	7.424	ng		95
66) n-Nitrosodiphenylamine	10.757	169	286927	10.196	ng		99
67) 4-Bromophenyl-phenylether	11.133	248	99555	9.895	ng		94
68) Hexachlorobenzene	11.198	284	110475	10.048	ng		99
69) Atrazine	11.274	200	88250	10.285	ng		100
70) Pentachlorophenol	11.392	266	70569	9.349	ng		98
71) Phenanthrene	11.621	178	483894	10.561	ng		99
72) Anthracene	11.674	178	478361	10.493	ng		99
73) Carbazole	11.821	167	460288	10.476	ng		98
74) Di-n-butylphthalate	12.145	149	498907	10.409	ng		99
75) Fluoranthene	12.815	202	526019	10.502	ng		98
77) Benzidine	12.933	184	124337	7.819	ng		100
78) Pyrene	13.045	202	552903	10.142	ng		98
80) Butylbenzylphthalate	13.651	149	151144	8.738	ng		95
81) Benzo(a)anthracene	14.239	228	443622	10.087	ng		98
82) 3,3'-Dichlorobenzidine	14.192	252	137266	10.426	ng		98
83) Chrysene	14.274	228	419870	10.196	ng		98
84) Bis(2-ethylhexyl)phtha...	14.209	149	193721	8.886	ng		99
85) Di-n-octyl phthalate	14.839	149	245528	8.369	ng		99
87) Indeno(1,2,3-cd)pyrene	17.450	276	241065	8.260	ng		100
88) Benzo(b)fluoranthene	15.345	252	315621	9.882	ng		99
89) Benzo(k)fluoranthene	15.374	252	320479	10.381	ng		99
90) Benzo(a)pyrene	15.751	252	255251	9.796	ng		99
91) Dibenzo(a,h)anthracene	17.474	278	201331	8.475	ng		99
92) Benzo(g,h,i)perylene	17.950	276	199946	8.028	ng		99

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

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