Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138018.D
Acq On : 23 May 2024 10:17
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 23 11:04:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	142056	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	542825	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	312072	20.000	ng	0.00
64) Phenanthrene-d10	11.581	188	524125	20.000	ng	0.00
76) Chrysene-d12	14.233	240	285140	20.000	ng	0.00
86) Perylene-d12	15.798	264	273842	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	647452	77.420	ng	0.00
7) Phenol-d6	6.657	99	806991	78.335	ng	0.00
23) Nitrobenzene-d5	7.604	82	756703	82.038	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	270672	86.020	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1592175	78.590	ng	0.00
79) Terphenyl-d14	13.169	244	1643422	84.943	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.928	88	136693	37.730	ng	99
3) Pyridine	3.705	79	335448	41.266	ng	97
4) n-Nitrosodimethylamine	3.669	42	135927	37.904	ng	96
6) Aniline	6.698	93	390364m	42.365	ng	
8) 2-Chlorophenol	6.822	128	363371	40.150	ng	99
9) Benzaldehyde	6.593	77	232225	41.666	ng	99
10) Phenol	6.669	94	408905	39.325	ng	94
11) bis(2-Chloroethyl)ether	6.769	93	321126	40.222	ng	99
12) 1,3-Dichlorobenzene	6.981	146	415575	39.687	ng	99
13) 1,4-Dichlorobenzene	7.057	146	419356	39.898	ng	98
14) 1,2-Dichlorobenzene	7.210	146	389321	39.356	ng	98
15) Benzyl Alcohol	7.175	79	297469	43.243	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.304	45	397696	40.523	ng	99
17) 2-Methylphenol	7.275	107	289577	40.121	ng	99
18) Hexachloroethane	7.551	117	144684	40.679	ng	96
19) n-Nitroso-di-n-propyla...	7.446	70	239135	41.317	ng	99
20) 3+4-Methylphenols	7.428	107	379871	40.175	ng	97
22) Acetophenone	7.446	105	487437	40.085	ng	100
24) Nitrobenzene	7.622	77	379163	40.521	ng	99
25) Isophorone	7.857	82	662422	41.379	ng	96
26) 2-Nitrophenol	7.934	139	202790	43.131	ng	99
27) 2,4-Dimethylphenol	7.957	122	250299	41.349	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	401172	41.348	ng	99
29) 2,4-Dichlorophenol	8.169	162	317693	41.735	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	344601	40.546	ng	99
31) Naphthalene	8.345	128	1102988	40.412	ng	99
32) Benzoic acid	8.075	122	238966	46.700	ng	98
33) 4-Chloroaniline	8.387	127	390925	43.692	ng	99
34) Hexachlorobutadiene	8.451	225	222639	41.386	ng	98
35) Caprolactam	8.763	113	95416	43.266	ng	91
36) 4-Chloro-3-methylphenol	8.863	107	326981	42.227	ng	99
37) 2-Methylnaphthalene	9.034	142	721905	41.148	ng	99
38) 1-Methylnaphthalene	9.134	142	710136	41.173	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	344427	40.597	ng	99
41) Hexachlorocyclopentadiene	9.187	237	133369	41.371	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	231675	41.648	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	250905	41.222	ng		99
46) 1,1'-Biphenyl	9.498	154	878199	40.122	ng		98
47) 2-Chloronaphthalene	9.528	162	702462	40.203	ng		97
48) 2-Nitroaniline	9.622	65	183469	41.005	ng		96
49) Acenaphthylene	9.945	152	1009821	40.194	ng		99
50) Dimethylphthalate	9.798	163	808282	41.303	ng		99
51) 2,6-Dinitrotoluene	9.863	165	190937	42.511	ng		97
52) Acenaphthene	10.122	154	684111	41.199	ng		99
53) 3-Nitroaniline	10.034	138	180629	41.137	ng		97
54) 2,4-Dinitrophenol	10.139	184	96555	43.294	ng	#	81
55) Dibenzofuran	10.292	168	978632	40.496	ng		99
56) 4-Nitrophenol	10.181	139	134049	42.506	ng		99
57) 2,4-Dinitrotoluene	10.269	165	247301	42.591	ng		94
58) Fluorene	10.639	166	778343	40.720	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	202681	42.388	ng		99
60) Diethylphthalate	10.498	149	764568	41.833	ng		99
61) 4-Chlorophenyl-phenyle...	10.622	204	391089	41.489	ng		99
62) 4-Nitroaniline	10.651	138	172397	41.396	ng		100
63) Azobenzene	10.786	77	677995	40.783	ng		99
65) 4,6-Dinitro-2-methylph...	10.681	198	139259	46.016	ng		92
66) n-Nitrosodiphenylamine	10.745	169	654381	40.712	ng		98
67) 4-Bromophenyl-phenylether	11.116	248	242746	42.247	ng		97
68) Hexachlorobenzene	11.186	284	264147	41.589	ng		97
69) Atrazine	11.263	200	173317	39.488	ng		98
70) Pentachlorophenol	11.375	266	164426	44.195	ng		99
71) Phenanthrene	11.604	178	1029630	39.864	ng		99
72) Anthracene	11.657	178	1035185	40.395	ng		99
73) Carbazole	11.810	167	935159	39.948	ng		100
74) Di-n-butylphthalate	12.128	149	1150515	44.285	ng		100
75) Fluoranthene	12.798	202	1057033	40.320	ng		99
77) Benzidine	12.916	184	248437	66.668	ng		99
78) Pyrene	13.033	202	1037257	41.591	ng		99
80) Butylbenzylphthalate	13.633	149	363016	48.258	ng		97
81) Benzo(a)anthracene	14.222	228	746454	41.378	ng		100
82) 3,3'-Dichlorobenzidine	14.180	252	232247	46.455	ng		99
83) Chrysene	14.257	228	712136	41.277	ng		100
84) Bis(2-ethylhexyl)phtha...	14.186	149	451058	47.700	ng		98
85) Di-n-octyl phthalate	14.816	149	662232	51.839	ng		99
87) Indeno(1,2,3-cd)pyrene	17.427	276	725813	41.254	ng		100
88) Benzo(b)fluoranthene	15.327	252	638860	40.292	ng		98
89) Benzo(k)fluoranthene	15.357	252	622888	39.989	ng		99
90) Benzo(a)pyrene	15.727	252	560038	41.364	ng		97
91) Dibenzo(a,h)anthracene	17.445	278	593461	40.827	ng		99
92) Benzo(g,h,i)perylene	17.927	276	610989	40.012	ng		100

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

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