Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
Data File : BF137699.D
Acq On : 23 Apr 2024 17:44
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Apr 24 03:43:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:33:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.063	152	276350	20.000	ng		0.00
21) Naphthalene-d8	8.345	136	1107758	20.000	ng		0.00
39) Acenaphthene-d10	10.110	164	630865	20.000	ng		0.00
64) Phenanthrene-d10	11.604	188	1114921	20.000	ng		0.00
76) Chrysene-d12	14.251	240	881377	20.000	ng		0.00
86) Perylene-d12	15.827	264	845297	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	198966	10.937	ng		0.00
7) Phenol-d6	6.657	99	247577	10.717	ng		-0.02
23) Nitrobenzene-d5	7.616	82	211334	10.127	ng		-0.01
42) 2,4,6-Tribromophenol	10.892	330	67291	10.571	ng		-0.01
45) 2-Fluorobiphenyl	9.416	172	481814	11.412	ng		-0.01
79) Terphenyl-d14	13.186	244	593574	10.840	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.987	88	40933	5.025	ng		98
3) Pyridine	3.746	79	109050	5.025	ng		98
4) n-Nitrosodimethylamine	3.693	42	51525	5.088	ng	#	95
6) Aniline	6.716	93	146936	5.109	ng		99
8) 2-Chlorophenol	6.839	128	99399	5.234	ng		96
9) Benzaldehyde	6.610	77	75199	5.800	ng		99
10) Phenol	6.669	94	121538	5.266	ng		94
11) bis(2-Chloroethyl)ether	6.787	93	100671	5.348	ng		98
12) 1,3-Dichlorobenzene	7.004	146	106869	5.366	ng		97
13) 1,4-Dichlorobenzene	7.081	146	108130	5.393	ng		97
14) 1,2-Dichlorobenzene	7.234	146	102038	5.467	ng		99
15) Benzyl Alcohol	7.186	79	88449	5.118	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	151157	5.221	ng		99
17) 2-Methylphenol	7.286	107	87943	5.212	ng		99
18) Hexachloroethane	7.581	117	35978	5.070	ng		94
19) n-Nitroso-di-n-propyla...	7.457	70	79355	5.312	ng		96
20) 3+4-Methylphenols	7.439	107	115718	5.310	ng		96
22) Acetophenone	7.463	105	149403	5.514	ng	#	95
24) Nitrobenzene	7.633	77	105345	4.997	ng		91
25) Isophorone	7.869	82	199338	5.143	ng		95
26) 2-Nitrophenol	7.957	139	37669	4.071	ng		95
27) 2,4-Dimethylphenol	7.975	122	102366	5.484	ng		99
28) bis(2-Chloroethoxy)met...	8.081	93	123690	5.225	ng		99
29) 2,4-Dichlorophenol	8.186	162	82888	5.067	ng		94
30) 1,2,4-Trichlorobenzene	8.281	180	87156	5.227	ng		98
31) Naphthalene	8.369	128	311847	5.517	ng		98
33) 4-Chloroaniline	8.410	127	127111	5.312	ng		98
34) Hexachlorobutadiene	8.480	225	51087	5.111	ng		96
35) Caprolactam	8.733	113	26555	5.021	ng		92
36) 4-Chloro-3-methylphenol	8.869	107	88259	5.087	ng		95
37) 2-Methylnaphthalene	9.057	142	213992	5.515	ng		99
38) 1-Methylnaphthalene	9.157	142	200365	5.523	ng		100
40) 1,2,4,5-Tetrachloroben...	9.222	216	91210	5.274	ng		100
41) Hexachlorocyclopentadiene	9.210	237	41368	4.269	ng		98
43) 2,4,6-Trichlorophenol	9.328	196	61341	5.056	ng		97
44) 2,4,5-Trichlorophenol	9.363	196	70042	5.037	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.522	154	253112	5.515	ng		96
47)	2-Chloronaphthalene	9.551	162	187791	5.308	ng		97
48)	2-Nitroaniline	9.639	65	45987	4.266	ng		98
49)	Acenaphthylene	9.969	152	298344	5.408	ng		97
50)	Dimethylphthalate	9.810	163	239458	5.448	ng		99
51)	2,6-Dinitrotoluene	9.875	165	42364	4.574	ng		93
52)	Acenaphthene	10.139	154	194487	5.444	ng		98
53)	3-Nitroaniline	10.045	138	49153	4.723	ng	#	91
55)	Dibenzofuran	10.310	168	289575	5.530	ng		100
56)	4-Nitrophenol	10.180	139	37113	4.586	ng		97
57)	2,4-Dinitrotoluene	10.280	165	47930	4.105	ng		96
58)	Fluorene	10.657	166	232299	5.677	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.422	232	56656	5.262	ng		99
60)	Diethylphthalate	10.516	149	232529	5.500	ng		99
61)	4-Chlorophenyl-phenyle...	10.645	204	110917	5.486	ng		98
62)	4-Nitroaniline	10.657	138	44801	4.520	ng		99
63)	Azobenzene	10.804	77	235567	5.438	ng		98
66)	n-Nitrosodiphenylamine	10.757	169	200145	5.300	ng		98
67)	4-Bromophenyl-phenylether	11.139	248	66763	5.168	ng		96
68)	Hexachlorobenzene	11.204	284	66427	5.278	ng		98
69)	Atrazine	11.280	200	61604	5.902	ng		100
70)	Pentachlorophenol	11.392	266	46539	4.916	ng		98
71)	Phenanthrene	11.627	178	331223	5.612	ng		98
72)	Anthracene	11.674	178	336728	5.572	ng		98
73)	Carbazole	11.827	167	303918	5.549	ng		98
74)	Di-n-butylphthalate	12.151	149	368319	5.517	ng		99
75)	Fluoranthene	12.816	202	346372	5.583	ng		98
77)	Benzidine	12.933	184	123983	6.023	ng		99
78)	Pyrene	13.051	202	363366	5.023	ng		96
80)	Butylbenzylphthalate	13.663	149	109411	4.265	ng		91
81)	Benzo(a)anthracene	14.239	228	320355	5.211	ng		98
82)	3,3'-Dichlorobenzidine	14.198	252	101233	5.322	ng		100
83)	Chrysene	14.274	228	302454	5.266	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.215	149	174173	4.496	ng	#	99
85)	Di-n-octyl phthalate	14.845	149	272546	4.683	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.456	276	223857	4.776	ng		99
88)	Benzo(b)fluoranthene	15.345	252	258623	4.781	ng		97
89)	Benzo(k)fluoranthene	15.380	252	268005	5.040	ng		97
90)	Benzo(a)pyrene	15.751	252	236700	4.878	ng		98
91)	Dibenzo(a,h)anthracene	17.474	278	186473	4.794	ng		99
92)	Benzo(g,h,i)perylene	17.956	276	175992	4.653	ng		97

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

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