Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137765.D
Acq On : 30 Apr 2024 11:39
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: May 01 02:55:41 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	240059	20.000	ng		0.00
21) Naphthalene-d8	8.339	136	968144	20.000	ng		0.00
39) Acenaphthene-d10	10.104	164	566594	20.000	ng		0.00
64) Phenanthrene-d10	11.598	188	1012583	20.000	ng		0.00
76) Chrysene-d12	14.251	240	872316	20.000	ng	#	0.00
86) Perylene-d12	15.821	264	831607	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	157597	10.992	ng		0.00
7) Phenol-d6	6.657	99	200556	11.028	ng		-0.02
23) Nitrobenzene-d5	7.610	82	172812	10.370	ng		-0.01
42) 2,4,6-Tribromophenol	10.892	330	58868	10.176	ng		0.00
45) 2-Fluorobiphenyl	9.410	172	416664	11.931	ng		-0.01
79) Terphenyl-d14	13.180	244	542776	10.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.963	88	34113	5.283	ng		99
3) Pyridine	3.740	79	80003	5.120	ng		99
4) n-Nitrosodimethylamine	3.681	42	37480	5.326	ng		98
6) Aniline	6.716	93	97041	5.363	ng		97
8) 2-Chlorophenol	6.833	128	84994	5.439	ng		96
10) Phenol	6.669	94	102014	5.474	ng		99
11) bis(2-Chloroethyl)ether	6.781	93	78710	5.394	ng		97
12) 1,3-Dichlorobenzene	6.998	146	96118	5.455	ng		95
13) 1,4-Dichlorobenzene	7.075	146	97692	5.525	ng		98
14) 1,2-Dichlorobenzene	7.228	146	94658	5.684	ng		97
15) Benzyl Alcohol	7.181	79	63695	5.065	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.322	45	112332	5.477	ng		100
17) 2-Methylphenol	7.286	107	66923	5.308	ng		99
18) Hexachloroethane	7.569	117	30556	5.112	ng		95
19) n-Nitroso-di-n-propyla...	7.451	70	59228	5.450	ng		98
20) 3+4-Methylphenols	7.439	107	89859	5.417	ng		96
22) Acetophenone	7.457	105	120493	5.534	ng	#	97
24) Nitrobenzene	7.628	77	90623	5.277	ng		94
25) Isophorone	7.863	82	159550	5.310	ng		98
26) 2-Nitrophenol	7.951	139	32594	4.191	ng		97
27) 2,4-Dimethylphenol	7.975	122	58909	5.261	ng		100
28) bis(2-Chloroethoxy)met...	8.075	93	98809	5.432	ng		98
29) 2,4-Dichlorophenol	8.186	162	69541	5.138	ng		96
30) 1,2,4-Trichlorobenzene	8.275	180	79031	5.357	ng		98
31) Naphthalene	8.363	128	269909	5.610	ng		99
33) 4-Chloroaniline	8.404	127	95668	5.362	ng		97
34) Hexachlorobutadiene	8.475	225	48048	5.304	ng		98
35) Caprolactam	8.733	113	21624	5.043	ng		89
36) 4-Chloro-3-methylphenol	8.869	107	74065	5.248	ng		99
37) 2-Methylnaphthalene	9.051	142	173834	5.582	ng		99
38) 1-Methylnaphthalene	9.151	142	172838	5.641	ng		100
40) 1,2,4,5-Tetrachloroben...	9.216	216	79584	5.303	ng		99
41) Hexachlorocyclopentadiene	9.204	237	26267	4.309	ng		97
43) 2,4,6-Trichlorophenol	9.322	196	51091	5.002	ng		99
44) 2,4,5-Trichlorophenol	9.357	196	56478	5.007	ng	#	93
46) 1,1'-Biphenyl	9.516	154	215792	5.550	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.545	162	170155	5.420	ng		97
48) 2-Nitroaniline	9.633	65	38275	4.495	ng		97
49) Acenaphthylene	9.963	152	250998	5.527	ng		98
50) Dimethylphthalate	9.804	163	193182	5.401	ng		100
51) 2,6-Dinitrotoluene	9.874	165	38842	4.752	ng	#	88
52) Acenaphthene	10.133	154	162218	5.389	ng		99
53) 3-Nitroaniline	10.039	138	41099	4.801	ng		90
55) Dibenzofuran	10.304	168	244708	5.586	ng		99
56) 4-Nitrophenol	10.180	139	32967	4.647	ng		95
57) 2,4-Dinitrotoluene	10.274	165	48302	4.523	ng		98
58) Fluorene	10.651	166	196591	5.639	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.416	232	47571	5.195	ng		99
60) Diethylphthalate	10.510	149	186733	5.497	ng		98
61) 4-Chlorophenyl-phenyle...	10.639	204	95011	5.531	ng		98
62) 4-Nitroaniline	10.651	138	43256	4.982	ng		97
63) Azobenzene	10.798	77	180753	5.505	ng		98
66) n-Nitrosodiphenylamine	10.757	169	167556	5.528	ng		98
67) 4-Bromophenyl-phenylether	11.133	248	57607	5.316	ng		96
68) Hexachlorobenzene	11.198	284	64167	5.418	ng		99
69) Atrazine	11.274	200	52018	5.628	ng		98
70) Pentachlorophenol	11.392	266	36779	4.524	ng		96
71) Phenanthrene	11.621	178	279660	5.666	ng		98
72) Anthracene	11.674	178	274053	5.581	ng		97
73) Carbazole	11.821	167	269163	5.687	ng		99
74) Di-n-butylphthalate	12.145	149	282562	5.473	ng		99
75) Fluoranthene	12.815	202	310268	5.751	ng		98
77) Benzidine	12.933	184	104831	5.196	ng		99
78) Pyrene	13.045	202	328343	4.747	ng		98
80) Butylbenzylphthalate	13.651	149	93145	4.245	ng		98
81) Benzo(a)anthracene	14.239	228	296834	5.320	ng		97
82) 3,3'-Dichlorobenzidine	14.192	252	96135	5.756	ng		99
83) Chrysene	14.274	228	280223	5.364	ng		99
84) Bis(2-ethylhexyl)phtha...	14.209	149	138591	5.011	ng		99
85) Di-n-octyl phthalate	14.839	149	192870	5.182	ng		98
87) Indeno(1,2,3-cd)pyrene	17.450	276	202786	4.289	ng		99
88) Benzo(b)fluoranthene	15.339	252	256869	4.965	ng		99
89) Benzo(k)fluoranthene	15.374	252	258243	5.164	ng		98
90) Benzo(a)pyrene	15.745	252	216927	5.139	ng		99
91) Dibenzo(a,h)anthracene	17.468	278	164021	4.262	ng	#	96
92) Benzo(g,h,i)perylene	17.945	276	159309	3.949	ng		98

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

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