Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012324\
Data File : BF137137.D
Acq On : 23 Jan 2024 16:10
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012324

Quant Time: Jan 24 03:55:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 03:53:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	163959	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	664277	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	335448	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	601819	20.000	ng	0.00
76) Chrysene-d12	13.992	240	335239	20.000	ng	0.00
86) Perylene-d12	15.480	264	310500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	847212	80.389	ng	0.00
7) Phenol-d6	6.446	99	1059949	80.610	ng	0.00
23) Nitrobenzene-d5	7.381	82	981400	89.801	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	263066	89.942	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1703044	77.536	ng	0.00
79) Terphenyl-d14	12.939	244	1886076	80.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	206828	40.271	ng	99
3) Pyridine	3.352	79	493586	40.919	ng	99
4) n-Nitrosodimethylamine	3.316	42	277944	41.239	ng	100
6) Aniline	6.481	93	676311	41.057	ng	100
8) 2-Chlorophenol	6.598	128	479681	41.397	ng	100
9) Benzaldehyde	6.363	77	293804	40.666	ng	96
10) Phenol	6.457	94	616943	40.302	ng	100
11) bis(2-Chloroethyl)ether	6.551	93	460867	39.787	ng	96
12) 1,3-Dichlorobenzene	6.751	146	501995	39.850	ng	96
13) 1,4-Dichlorobenzene	6.834	146	503840	39.766	ng	100
14) 1,2-Dichlorobenzene	6.981	146	488590	40.390	ng	99
15) Benzyl Alcohol	6.957	79	420290	41.759	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	786082	39.720	ng	100
17) 2-Methylphenol	7.063	107	384203	40.639	ng	99
18) Hexachloroethane	7.322	117	187113	41.459	ng	94
19) n-Nitroso-di-n-propyla...	7.234	70	344332	40.853	ng	99
20) 3+4-Methylphenols	7.216	107	458017	40.174	ng	99
22) Acetophenone	7.228	105	640549	39.426	ng	100
24) Nitrobenzene	7.393	77	501569	46.126	ng	94
25) Isophorone	7.634	82	934947	40.303	ng	99
26) 2-Nitrophenol	7.710	139	202451	43.493	ng	99
27) 2,4-Dimethylphenol	7.745	122	335709	40.651	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	563048	39.653	ng	100
29) 2,4-Dichlorophenol	7.945	162	385948	42.564	ng	100
30) 1,2,4-Trichlorobenzene	8.034	180	421950	39.609	ng	99
31) Naphthalene	8.116	128	1346085	39.750	ng	100
32) Benzoic acid	7.863	122	267696	43.587	ng	96
33) 4-Chloroaniline	8.163	127	555887	40.633	ng	99
34) Hexachlorobutadiene	8.234	225	239361	40.033	ng	97
35) Caprolactam	8.534	113	126369	44.006	ng	97
36) 4-Chloro-3-methylphenol	8.640	107	412487	40.837	ng	99
37) 2-Methylnaphthalene	8.804	142	860154	39.536	ng	99
38) 1-Methylnaphthalene	8.904	142	799338	39.470	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	394632	39.962	ng	99
41) Hexachlorocyclopentadiene	8.957	237	190142	44.054	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	266162	43.950	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	276651	42.496	ng		98
46) 1,1'-Biphenyl	9.269	154	1073947	39.748	ng		100
47) 2-Chloronaphthalene	9.292	162	818239	39.878	ng		100
48) 2-Nitroaniline	9.392	65	262066	43.707	ng		89
49) Acenaphthylene	9.710	152	1277797	40.139	ng		99
50) Dimethylphthalate	9.581	163	939499	40.223	ng		98
51) 2,6-Dinitrotoluene	9.634	165	200497	45.287	ng		99
52) Acenaphthene	9.881	154	794963	40.176	ng		98
53) 3-Nitroaniline	9.804	138	227912	44.339	ng		99
54) 2,4-Dinitrophenol	9.904	184	68240	46.619	ng		97
55) Dibenzofuran	10.057	168	1130812	39.904	ng		100
56) 4-Nitrophenol	9.957	139	180059	47.455	ng		92
57) 2,4-Dinitrotoluene	10.039	165	253281	45.550	ng	#	83
58) Fluorene	10.398	166	816265	38.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	234564	44.735	ng		98
60) Diethylphthalate	10.281	149	932968	41.258	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	387518	37.949	ng		97
62) 4-Nitroaniline	10.422	138	222174	43.813	ng		94
63) Azobenzene	10.557	77	982987	40.335	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	100652	44.501	ng		94
66) n-Nitrosodiphenylamine	10.516	169	769608	40.588	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	254699	40.869	ng		95
68) Hexachlorobenzene	10.945	284	285408	40.777	ng		97
69) Atrazine	11.045	200	254093	42.457	ng		99
70) Pentachlorophenol	11.139	266	183303	48.364	ng		99
71) Phenanthrene	11.363	178	1296450	40.213	ng		99
72) Anthracene	11.416	178	1328701	40.528	ng		100
73) Carbazole	11.575	167	1166877	40.750	ng		99
74) Di-n-butylphthalate	11.916	149	1386075	42.669	ng		99
75) Fluoranthene	12.557	202	1311323	40.912	ng		99
77) Benzidine	12.686	184	477523	43.305	ng		99
78) Pyrene	12.786	202	1334850	41.057	ng		100
80) Butylbenzylphthalate	13.422	149	505955	41.167	ng		96
81) Benzo(a)anthracene	13.980	228	1048030	41.138	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	328273	43.446	ng		99
83) Chrysene	14.022	228	1004848	40.969	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	627115	46.295	ng		100
85) Di-n-octyl phthalate	14.610	149	959245	45.766	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	823518	41.512	ng		100
88) Benzo(b)fluoranthene	15.045	252	794834	41.470	ng		99
89) Benzo(k)fluoranthene	15.074	252	795677	41.773	ng		98
90) Benzo(a)pyrene	15.416	252	708143	42.229	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	672756	41.616	ng		99
92) Benzo(g,h,i)perylene	17.445	276	659198	42.140	ng		99

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

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