Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082223\
Data File : BF134890.D
Acq On : 22 Aug 2023 17:17
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF082223

Quant Time: Aug 22 19:37:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	169973	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	654649	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	328602	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	579299	20.000	ng	0.00
76) Chrysene-d12	13.980	240	257236	20.000	ng	0.00
86) Perylene-d12	15.451	264	335984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	847369	79.498	ng	0.00
7) Phenol-d6	6.440	99	1083306	79.537	ng	0.00
23) Nitrobenzene-d5	7.363	82	951166	80.062	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	312236	80.679	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1632554	76.803	ng	0.00
79) Terphenyl-d14	12.921	244	1442466	77.126	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	186467	40.310	ng	99
3) Pyridine	3.281	79	511444	41.028	ng	99
4) n-Nitrosodimethylamine	3.257	42	225962	40.998	ng	97
6) Aniline	6.463	93	683927	40.628	ng	99
8) 2-Chlorophenol	6.587	128	450779	40.304	ng	100
9) Benzaldehyde	6.351	77	286815	38.395	ng	99
10) Phenol	6.451	94	556341	39.896	ng	99
11) bis(2-Chloroethyl)ether	6.540	93	427594	40.424	ng	99
12) 1,3-Dichlorobenzene	6.734	146	459480	39.389	ng	100
13) 1,4-Dichlorobenzene	6.816	146	467946	40.079	ng	99
14) 1,2-Dichlorobenzene	6.963	146	429730	39.708	ng	98
15) Benzyl Alcohol	6.940	79	387953	40.994	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	609231	39.774	ng	99
17) 2-Methylphenol	7.051	107	390522	40.344	ng	97
18) Hexachloroethane	7.304	117	173216	40.993	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	310864	39.079	ng	99
20) 3+4-Methylphenols	7.204	107	448381	41.504	ng	90
22) Acetophenone	7.210	105	566110	39.125	ng	98
24) Nitrobenzene	7.381	77	482044	40.436	ng	99
25) Isophorone	7.622	82	876658	39.517	ng	99
26) 2-Nitrophenol	7.692	139	245379	41.345	ng	99
27) 2,4-Dimethylphenol	7.734	122	391522	40.447	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	527056	39.862	ng	99
29) 2,4-Dichlorophenol	7.934	162	383061	40.051	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	404596	39.846	ng	100
31) Naphthalene	8.098	128	1285302	39.320	ng	100
32) Benzoic acid	7.869	122	306280	42.874	ng	95
33) 4-Chloroaniline	8.151	127	557427	39.744	ng	99
34) Hexachlorobutadiene	8.210	225	238398	39.477	ng	98
35) Caprolactam	8.534	113	118555	39.708	ng	94
36) 4-Chloro-3-methylphenol	8.634	107	401298	39.760	ng	99
37) 2-Methylnaphthalene	8.792	142	856996	39.313	ng	99
38) 1-Methylnaphthalene	8.886	142	798396	39.167	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	397226	39.671	ng	100
41) Hexachlorocyclopentadiene	8.939	237	203390	45.880	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	268369	40.582	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	306729	40.063	ng		97
46) 1,1'-Biphenyl	9.257	154	1021553	39.378	ng		99
47) 2-Chloronaphthalene	9.281	162	761649	39.313	ng		99
48) 2-Nitroaniline	9.381	65	262314	41.188	ng		99
49) Acenaphthylene	9.698	152	1189128	39.856	ng		99
50) Dimethylphthalate	9.563	163	930142	39.766	ng		99
51) 2,6-Dinitrotoluene	9.628	165	208626	40.440	ng		99
52) Acenaphthene	9.869	154	737969	39.262	ng		99
53) 3-Nitroaniline	9.798	138	230897	40.978	ng		97
54) 2,4-Dinitrophenol	9.904	184	105303	43.140	ng		98
55) Dibenzofuran	10.039	168	1072322	39.185	ng		96
56) 4-Nitrophenol	9.957	139	162293	41.330	ng		99
57) 2,4-Dinitrotoluene	10.033	165	261137	40.931	ng		98
58) Fluorene	10.386	166	802959	38.686	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	241089	40.417	ng		99
60) Diethylphthalate	10.263	149	855441	39.918	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	400053	38.450	ng		99
62) 4-Nitroaniline	10.416	138	217723	41.334	ng		91
63) Azobenzene	10.539	77	849422	39.900	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	152764	44.691	ng		99
66) n-Nitrosodiphenylamine	10.504	169	746479	40.015	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	271958	40.692	ng	#	91
68) Hexachlorobenzene	10.933	284	287791	40.488	ng		100
69) Atrazine	11.033	200	185164	36.552	ng		98
70) Pentachlorophenol	11.127	266	177048	41.389	ng		99
71) Phenanthrene	11.351	178	1205119	39.699	ng		99
72) Anthracene	11.404	178	1221107	39.260	ng		100
73) Carbazole	11.563	167	1008022	39.331	ng		99
74) Di-n-butylphthalate	11.898	149	1159597	39.450	ng		100
75) Fluoranthene	12.545	202	1115773	38.792	ng		99
77) Benzidine	12.669	184	174668	41.851	ng		99
78) Pyrene	12.774	202	1078844	39.556	ng		99
80) Butylbenzylphthalate	13.404	149	323526	38.934	ng		99
81) Benzo(a)anthracene	13.968	228	692758	39.472	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	224575	40.429	ng		99
83) Chrysene	14.010	228	694443	40.103	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	333399	37.039	ng		99
85) Di-n-octyl phthalate	14.586	149	599216	40.824	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	975526	40.620	ng		99
88) Benzo(b)fluoranthene	15.021	252	774418	40.853	ng		98
89) Benzo(k)fluoranthene	15.057	252	714694	38.395	ng		98
90) Benzo(a)pyrene	15.392	252	762938	40.317	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	784822	40.389	ng		99
92) Benzo(g,h,i)perylene	17.409	276	806098	40.524	ng		99

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

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