Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131040.D
Acq On : 07 Nov 2022 12:41
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 07 13:22:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 13:20:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	99812	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	378033	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	207121	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	396092	20.000	ng	0.00
76) Chrysene-d12	14.092	240	271812	20.000	ng	0.00
86) Perylene-d12	15.586	264	209710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	448614	77.919	ng	0.00
7) Phenol-d6	6.528	99	569652	76.138	ng	0.00
23) Nitrobenzene-d5	7.469	82	598390	95.447	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	165688	95.030	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1057587	77.199	ng	0.00
79) Terphenyl-d14	13.033	244	1256487	84.708	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	110464	42.793	ng	100
3) Pyridine	3.457	79	298523	41.289	ng	100
4) n-Nitrosodimethylamine	3.422	42	165584	40.795	ng	100
6) Aniline	6.569	93	366403	39.605	ng	100
8) 2-Chlorophenol	6.686	128	261184	40.723	ng	100
9) Benzaldehyde	6.457	77	163491	34.142	ng	100
10) Phenol	6.545	94	346215	43.001	ng	100
11) bis(2-Chloroethyl)ether	6.639	93	252011	40.153	ng	100
12) 1,3-Dichlorobenzene	6.839	146	286234	39.384	ng	100
13) 1,4-Dichlorobenzene	6.922	146	291148	39.467	ng	100
14) 1,2-Dichlorobenzene	7.075	146	270878	39.648	ng	100
15) Benzyl Alcohol	7.045	79	241629	37.981	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	433584	38.756	ng	100
17) 2-Methylphenol	7.151	107	219036	39.956	ng	100
18) Hexachloroethane	7.416	117	110650	41.501	ng	100
19) n-Nitroso-di-n-propyla...	7.316	70	194913	38.289	ng	100
20) 3+4-Methylphenols	7.304	107	272652	38.253	ng	100
22) Acetophenone	7.316	105	358541	39.118	ng	100
24) Nitrobenzene	7.486	77	304782	44.459	ng	100
25) Isophorone	7.728	82	507162	39.229	ng	100
26) 2-Nitrophenol	7.804	139	136332	58.771	ng	100
27) 2,4-Dimethylphenol	7.833	122	208361	38.726	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	284093	39.347	ng	100
29) 2,4-Dichlorophenol	8.045	162	223076	40.303	ng	100
30) 1,2,4-Trichlorobenzene	8.127	180	240256	40.367	ng	100
31) Naphthalene	8.210	128	760223	38.544	ng	100
32) Benzoic acid	7.963	122	145514	43.563	ng	100
33) 4-Chloroaniline	8.263	127	307615	39.469	ng	100
34) Hexachlorobutadiene	8.322	225	160238	40.557	ng	100
35) Caprolactam	8.639	113	69500	39.184	ng	100
36) 4-Chloro-3-methylphenol	8.739	107	243558	40.567	ng	100
37) 2-Methylnaphthalene	8.904	142	491708	39.634	ng	100
38) 1-Methylnaphthalene	9.004	142	477406	39.541	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	246671	41.997	ng	100
41) Hexachlorocyclopentadiene	9.051	237	116164	37.641	ng	100
43) 2,4,6-Trichlorophenol	9.180	196	170546	41.787	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	186816	42.843	ng	100
46) 1,1'-Biphenyl	9.369	154	586677	39.758	ng	100
47) 2-Chloronaphthalene	9.392	162	481905	40.727	ng	100
48) 2-Nitroaniline	9.492	65	179554	55.113	ng	100
49) Acenaphthylene	9.810	152	731328	39.112	ng	100
50) Dimethylphthalate	9.669	163	577742	40.611	ng	100
51) 2,6-Dinitrotoluene	9.733	165	125755	52.407	ng	100
52) Acenaphthene	9.986	154	453907	39.258	ng	100
53) 3-Nitroaniline	9.910	138	140148	50.578	ng	100
54) 2,4-Dinitrophenol	10.010	184	66600	70.014	ng	100
55) Dibenzofuran	10.157	168	658169	39.272	ng	100
56) 4-Nitrophenol	10.063	139	101317	46.178	ng	100
57) 2,4-Dinitrotoluene	10.139	165	168802	57.823	ng	100
58) Fluorene	10.498	166	537831	40.756	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.274	232	149007	41.448	ng	100
60) Diethylphthalate	10.369	149	581023	41.528	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	260413	41.250	ng	100
62) 4-Nitroaniline	10.527	138	143055	50.984	ng	100
63) Azobenzene	10.651	77	588285	40.280	ng	100
65) 4,6-Dinitro-2-methylph...	10.551	198	98643	68.613	ng	100
66) n-Nitrosodiphenylamine	10.610	169	485799	39.321	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	170331	42.761	ng	100
68) Hexachlorobenzene	11.045	284	186466	42.487	ng	100
69) Atrazine	11.139	200	140771	39.454	ng	100
70) Pentachlorophenol	11.239	266	89445	35.716	ng	100
71) Phenanthrene	11.468	178	794618	38.869	ng	100
72) Anthracene	11.521	178	793543	39.354	ng	100
73) Carbazole	11.674	167	714723	39.580	ng	100
74) Di-n-butylphthalate	11.998	149	975677	44.489	ng	100
75) Fluoranthene	12.657	202	914819	42.116	ng	100
77) Benzidine	12.780	184	252825	38.317	ng	100
78) Pyrene	12.892	202	921882	40.200	ng	100
80) Butylbenzylphthalate	13.504	149	363315	44.036	ng	100
81) Benzo(a)anthracene	14.080	228	726780	40.329	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	195151	40.123	ng	100
83) Chrysene	14.115	228	686852	39.513	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	421620	42.502	ng	100
85) Di-n-octyl phthalate	14.680	149	582344	42.535	ng	100
87) Indeno(1,2,3-cd)pyrene	17.109	276	599708	43.063	ng	100
88) Benzo(b)fluoranthene	15.145	252	525068	38.732	ng	100
89) Benzo(k)fluoranthene	15.174	252	540538	40.920	ng	100
90) Benzo(a)pyrene	15.521	252	444066	40.749	ng	100
91) Dibenzo(a,h)anthracene	17.127	278	491241	43.271	ng	100
92) Benzo(g,h,i)perylene	17.574	276	496515	42.869	ng	100

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

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