Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012724\
Data File : BF137177.D
Acq On : 26 Jan 2024 20:42
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 27 01:58:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 01:49:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	61112	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	248681	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	143255	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	294832	20.000	ng	0.00
76) Chrysene-d12	13.986	240	175967	20.000	ng	0.00
86) Perylene-d12	15.474	264	159263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	326212	90.807	ng	0.00
7) Phenol-d6	6.434	99	449732	87.767	ng	0.00
23) Nitrobenzene-d5	7.369	82	458371	83.616	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	140743	87.936	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	830482	81.393	ng	0.00
79) Terphenyl-d14	12.933	244	1036310	82.603	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	79886	41.527	ng	100
3) Pyridine	3.322	79	145373	40.277	ng	100
4) n-Nitrosodimethylamine	3.287	42	78062	39.810	ng	100
6) Aniline	6.469	93	243404	46.099	ng	100
8) 2-Chlorophenol	6.587	128	175185	43.220	ng	100
9) Benzaldehyde	6.357	77	98225	49.393	ng	100
10) Phenol	6.451	94	252720	44.846	ng	100
11) bis(2-Chloroethyl)ether	6.545	93	163832	39.412	ng	100
12) 1,3-Dichlorobenzene	6.745	146	199257	41.427	ng	100
13) 1,4-Dichlorobenzene	6.822	146	209511	42.271	ng	100
14) 1,2-Dichlorobenzene	6.969	146	194311	41.809	ng	100
15) Benzyl Alcohol	6.945	79	164492	43.146	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	301146	41.123	ng	100
17) 2-Methylphenol	7.051	107	153780	44.434	ng	100
18) Hexachloroethane	7.310	117	74281	41.949	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	152517	41.981	ng	100
20) 3+4-Methylphenols	7.210	107	187877	44.367	ng	100
22) Acetophenone	7.216	105	269232	41.298	ng	100
24) Nitrobenzene	7.386	77	220806	42.188	ng	100
25) Isophorone	7.622	82	411855	40.189	ng	100
26) 2-Nitrophenol	7.698	139	77216	39.752	ng	100
27) 2,4-Dimethylphenol	7.734	122	120069	42.127	ng	100
28) bis(2-Chloroethoxy)met...	7.839	93	225588	41.787	ng	100
29) 2,4-Dichlorophenol	7.939	162	152904	44.568	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	181699	40.637	ng	100
31) Naphthalene	8.104	128	537907	40.857	ng	100
32) Benzoic acid	7.857	122	52951m	39.542	ng	
33) 4-Chloroaniline	8.157	127	201731	45.747	ng	100
34) Hexachlorobutadiene	8.222	225	119317	40.422	ng	100
35) Caprolactam	8.528	113	49801	43.956	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	176012	41.890	ng	100
37) 2-Methylnaphthalene	8.792	142	367455	41.057	ng	100
38) 1-Methylnaphthalene	8.892	142	336968	40.107	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	197611	41.506	ng	100
41) Hexachlorocyclopentadiene	8.945	237	99292	44.171	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	118184	44.041	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	119470	43.048	ng	100
46) 1,1'-Biphenyl	9.263	154	470014	41.707	ng	100
47) 2-Chloronaphthalene	9.286	162	342280	41.105	ng	100
48) 2-Nitroaniline	9.380	65	123292	46.220	ng	100
49) Acenaphthylene	9.698	152	558717	41.497	ng	100
50) Dimethylphthalate	9.569	163	417086	41.886	ng	100
51) 2,6-Dinitrotoluene	9.627	165	89974	43.824	ng	100
52) Acenaphthene	9.875	154	327867	40.941	ng	100
53) 3-Nitroaniline	9.798	138	85324	42.270	ng	100
54) 2,4-Dinitrophenol	9.898	184	22996	38.964	ng	100
55) Dibenzofuran	10.045	168	524348	41.710	ng	100
56) 4-Nitrophenol	9.951	139	49802	39.455	ng	100
57) 2,4-Dinitrotoluene	10.027	165	119641	45.666	ng	100
58) Fluorene	10.392	166	403528	40.836	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	117216m	42.791	ng	
60) Diethylphthalate	10.269	149	413029	41.798	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	204443	41.456	ng	100
62) 4-Nitroaniline	10.416	138	84256	45.721	ng	100
63) Azobenzene	10.545	77	450560	41.863	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	51440	38.301	ng	100
66) n-Nitrosodiphenylamine	10.504	169	357030	40.810	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	132764	40.916	ng	100
68) Hexachlorobenzene	10.933	284	144432	40.263	ng	100
69) Atrazine	11.039	200	125478	41.542	ng	100
70) Pentachlorophenol	11.133	266	82101	42.108	ng	100
71) Phenanthrene	11.357	178	622745	40.826	ng	100
72) Anthracene	11.410	178	633722	40.257	ng	100
73) Carbazole	11.563	167	559069	41.936	ng	100
74) Di-n-butylphthalate	11.904	149	636368	41.794	ng	100
75) Fluoranthene	12.551	202	669286	40.875	ng	100
77) Benzidine	12.680	184	134466	37.420	ng	100
78) Pyrene	12.780	202	677360	41.814	ng	100
80) Butylbenzylphthalate	13.415	149	191577	39.310	ng	100
81) Benzo(a)anthracene	13.974	228	508536	40.427	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	151688	43.145	ng	100
83) Chrysene	14.015	228	505131	40.298	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	243806	42.472	ng	100
85) Di-n-octyl phthalate	14.604	149	347379	40.433	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	467252	44.767	ng	100
88) Benzo(b)fluoranthene	15.039	252	408285	40.016	ng	100
89) Benzo(k)fluoranthene	15.068	252	421143	40.889	ng	100
90) Benzo(a)pyrene	15.409	252	381107	41.409	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	372155	44.600	ng	100
92) Benzo(g,h,i)perylene	17.439	276	363994	44.730	ng	100

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

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