Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131015.D
Acq On : 05 Nov 2022 12:32
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Quant Time: Nov 07 00:47:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:46:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	77307	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	312375	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	171704	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	322264	20.000	ng		0.00
76) Chrysene-d12	14.092	240	200770	20.000	ng		0.00
86) Perylene-d12	15.592	264	154989	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	328220	73.603	ng		0.00
7) Phenol-d6	6.528	99	426349	73.574	ng		0.00
23) Nitrobenzene-d5	7.475	82	460950	88.979	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	138910	96.105	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	862409	75.937	ng		0.00
79) Terphenyl-d14	13.033	244	927228	84.629	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	75156	37.591	ng		93
3) Pyridine	3.451	79	216367	38.638	ng		98
4) n-Nitrosodimethylamine	3.422	42	127097	40.429	ng		98
6) Aniline	6.569	93	268459m	37.465	ng		
8) 2-Chlorophenol	6.687	128	189333	38.114	ng		94
9) Benzaldehyde	6.457	77	144943	39.080	ng		95
10) Phenol	6.545	94	233726m	37.481	ng		
11) bis(2-Chloroethyl)ether	6.640	93	184523	37.958	ng		95
12) 1,3-Dichlorobenzene	6.845	146	213996	38.017	ng		99
13) 1,4-Dichlorobenzene	6.922	146	215037	37.635	ng		98
14) 1,2-Dichlorobenzene	7.075	146	201851	38.145	ng		98
15) Benzyl Alcohol	7.045	79	184415	37.426	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.181	45	321471	37.100	ng		96
17) 2-Methylphenol	7.151	107	166674	39.256	ng		98
18) Hexachloroethane	7.416	117	85002	41.163	ng		98
19) n-Nitroso-di-n-propyla...	7.322	70	150925	38.279	ng		96
20) 3+4-Methylphenols	7.310	107	210140	38.066	ng	#	79
22) Acetophenone	7.316	105	273298	36.085	ng		94
24) Nitrobenzene	7.492	77	232934	41.120	ng		96
25) Isophorone	7.728	82	399577	37.404	ng		97
26) 2-Nitrophenol	7.804	139	113642	50.637	ng		93
27) 2,4-Dimethylphenol	7.839	122	165676m	37.265	ng		
28) bis(2-Chloroethoxy)met...	7.939	93	234777	39.351	ng		99
29) 2,4-Dichlorophenol	8.045	162	176845	38.667	ng		97
30) 1,2,4-Trichlorobenzene	8.128	180	189846	38.602	ng		96
31) Naphthalene	8.216	128	607293	37.262	ng		99
32) Benzoic acid	7.957	122	109116m	36.688	ng		
33) 4-Chloroaniline	8.263	127	246177	38.226	ng		97
34) Hexachlorobutadiene	8.328	225	126667	38.799	ng		100
35) Caprolactam	8.639	113	55379	37.785	ng		96
36) 4-Chloro-3-methylphenol	8.739	107	203325	40.985	ng		97
37) 2-Methylnaphthalene	8.904	142	384544	37.511	ng		99
38) 1-Methylnaphthalene	9.004	142	365102	36.596	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	189138	38.844	ng		98
41) Hexachlorocyclopentadiene	9.051	237	84954	33.206	ng		100
43) 2,4,6-Trichlorophenol	9.181	196	138971	41.074	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	150499	41.633	ng		97
46) 1,1'-Biphenyl	9.369	154	473991	38.747	ng		100
47) 2-Chloronaphthalene	9.398	162	381465	38.888	ng		97
48) 2-Nitroaniline	9.492	65	142033	45.286	ng		99
49) Acenaphthylene	9.816	152	571583	36.874	ng		99
50) Dimethylphthalate	9.675	163	464011	39.344	ng		99
51) 2,6-Dinitrotoluene	9.733	165	102105	45.686	ng		96
52) Acenaphthene	9.986	154	390642m	40.755	ng		
53) 3-Nitroaniline	9.910	138	111238	48.425	ng	#	87
54) 2,4-Dinitrophenol	10.010	184	47748	53.256	ng		95
55) Dibenzofuran	10.157	168	535169	38.520	ng		99
56) 4-Nitrophenol	10.063	139	78595	43.211	ng		92
57) 2,4-Dinitrotoluene	10.139	165	142108	50.261	ng	#	94
58) Fluorene	10.504	166	427531	39.080	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	121578	40.794	ng		95
60) Diethylphthalate	10.369	149	457712	39.462	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	209462	40.023	ng		97
62) 4-Nitroaniline	10.522	138	113118	48.631	ng		97
63) Azobenzene	10.657	77	464955	38.402	ng		96
65) 4,6-Dinitro-2-methylph...	10.551	198	76930	55.613	ng		86
66) n-Nitrosodiphenylamine	10.616	169	393588	39.155	ng		99
67) 4-Bromophenyl-phenylether	10.986	248	131417	40.550	ng		95
68) Hexachlorobenzene	11.051	284	146643	41.068	ng	#	91
69) Atrazine	11.139	200	113048	38.943	ng		98
70) Pentachlorophenol	11.245	266	80184	39.353	ng		96
71) Phenanthrene	11.469	178	618540	37.187	ng		100
72) Anthracene	11.522	178	619250	37.746	ng		99
73) Carbazole	11.674	167	540063	36.759	ng		100
74) Di-n-butylphthalate	12.004	149	719596	40.329	ng		98
75) Fluoranthene	12.663	202	678659	38.402	ng		98
77) Benzidine	12.780	184	150828	30.947	ng		98
78) Pyrene	12.892	202	671685	39.654	ng		99
80) Butylbenzylphthalate	13.504	149	279889	45.929	ng		96
81) Benzo(a)anthracene	14.080	228	528684	39.718	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	143121	39.838	ng		93
83) Chrysene	14.121	228	506798	39.472	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	336216	45.886	ng		99
85) Di-n-octyl phthalate	14.680	149	472258	46.700	ng		98
87) Indeno(1,2,3-cd)pyrene	17.115	276	430587	41.835	ng		98
88) Benzo(b)fluoranthene	15.151	252	389843	38.911	ng		98
89) Benzo(k)fluoranthene	15.180	252	386955	39.636	ng		97
90) Benzo(a)pyrene	15.527	252	324234	40.257	ng		98
91) Dibenzo(a,h)anthracene	17.133	278	362140	43.161	ng		98
92) Benzo(g,h,i)perylene	17.580	276	361575	42.240	ng		97

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

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