Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133766.D
Acq On : 15 Jun 2023 09:14
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 15 09:36:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:27:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	113385	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	410595	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	209962	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	412030	20.000	ng		0.00
76) Chrysene-d12	14.004	240	223326	20.000	ng		0.00
86) Perylene-d12	15.463	264	227547	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	515408	79.135	ng		0.00
7) Phenol-d6	6.463	99	630862	74.414	ng		0.00
23) Nitrobenzene-d5	7.398	82	586831	77.845	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	197197	74.197	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1098968	74.404	ng		0.00
79) Terphenyl-d14	12.945	244	1100644	76.260	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	111556	38.960	ng		99
3) Pyridine	3.293	79	271168	32.491	ng		96
4) n-Nitrosodimethylamine	3.246	42	170245	36.903	ng		100
6) Aniline	6.498	93	366592	34.332	ng		99
8) 2-Chlorophenol	6.616	128	262702	38.274	ng		98
9) Benzaldehyde	6.381	77	194193	34.526	ng		92
10) Phenol	6.475	94	328618	37.122	ng		99
11) bis(2-Chloroethyl)ether	6.569	93	249047	37.895	ng		96
12) 1,3-Dichlorobenzene	6.775	146	281633	38.404	ng		98
13) 1,4-Dichlorobenzene	6.851	146	282749	38.147	ng		97
14) 1,2-Dichlorobenzene	7.004	146	262901	39.254	ng		99
15) Benzyl Alcohol	6.975	79	252886	38.192	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	443621	39.821	ng		100
17) 2-Methylphenol	7.081	107	235820	38.763	ng		99
18) Hexachloroethane	7.345	117	106009	41.777	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	196985	36.520	ng		95
20) 3+4-Methylphenols	7.240	107	287261	36.297	ng	#	89
22) Acetophenone	7.245	105	353579	37.546	ng	#	94
24) Nitrobenzene	7.416	77	303654	40.003	ng		98
25) Isophorone	7.651	82	532280	38.460	ng		99
26) 2-Nitrophenol	7.734	139	142680	41.883	ng		94
27) 2,4-Dimethylphenol	7.769	122	231503	39.427	ng		98
28) bis(2-Chloroethoxy)met...	7.863	93	309255	38.662	ng		99
29) 2,4-Dichlorophenol	7.969	162	224122	38.946	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	233648	38.915	ng		98
31) Naphthalene	8.140	128	769171	38.451	ng		100
32) Benzoic acid	7.881	122	169080m	45.658	ng		
33) 4-Chloroaniline	8.187	127	309284	36.159	ng		99
34) Hexachlorobutadiene	8.251	225	151558	38.554	ng		99
35) Caprolactam	8.563	113	70090	36.196	ng		97
36) 4-Chloro-3-methylphenol	8.663	107	253038	38.147	ng		96
37) 2-Methylnaphthalene	8.828	142	538426	38.738	ng		99
38) 1-Methylnaphthalene	8.928	142	501401	39.203	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	237804	37.256	ng		99
41) Hexachlorocyclopentadiene	8.981	237	132272	46.501	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	162267	38.043	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	192318	38.756	ng		97
46) 1,1'-Biphenyl	9.292	154	650107	38.391	ng		99
47) 2-Chloronaphthalene	9.316	162	466710	38.422	ng		98
48) 2-Nitroaniline	9.416	65	168384	37.904	ng		96
49) Acenaphthylene	9.734	152	808031	38.220	ng		100
50) Dimethylphthalate	9.592	163	572628	36.538	ng		99
51) 2,6-Dinitrotoluene	9.657	165	125326	38.743	ng	#	84
52) Acenaphthene	9.904	154	469841	37.967	ng		98
53) 3-Nitroaniline	9.828	138	144156	36.620	ng		89
54) 2,4-Dinitrophenol	9.934	184	67137	45.153	ng		95
55) Dibenzofuran	10.081	168	729516	38.634	ng		99
56) 4-Nitrophenol	9.981	139	105266	39.622	ng		84
57) 2,4-Dinitrotoluene	10.063	165	162664	39.538	ng		92
58) Fluorene	10.422	166	551385	38.184	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	146717	39.491	ng		97
60) Diethylphthalate	10.292	149	601339	37.701	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	269267	37.772	ng		98
62) 4-Nitroaniline	10.439	138	145871	37.793	ng		95
63) Azobenzene	10.575	77	567287	37.569	ng		98
65) 4,6-Dinitro-2-methylph...	10.469	198	87645	44.515	ng		85
66) n-Nitrosodiphenylamine	10.533	169	499125	36.064	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	168040	36.540	ng		94
68) Hexachlorobenzene	10.969	284	176754	36.550	ng		95
69) Atrazine	11.057	200	143134	35.644	ng		99
70) Pentachlorophenol	11.163	266	118766	41.013	ng		98
71) Phenanthrene	11.386	178	802023	38.366	ng		99
72) Anthracene	11.433	178	835132	38.315	ng		100
73) Carbazole	11.592	167	752274	37.056	ng		98
74) Di-n-butylphthalate	11.922	149	925808	35.573	ng		99
75) Fluoranthene	12.575	202	813744	36.657	ng		99
77) Benzidine	12.692	184	159094	21.230	ng		98
78) Pyrene	12.804	202	830044	39.899	ng		100
80) Butylbenzylphthalate	13.422	149	310479	35.352	ng		98
81) Benzo(a)anthracene	13.992	228	580919	37.606	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	182792	35.593	ng		99
83) Chrysene	14.027	228	562875	38.525	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	386416	35.733	ng		100
85) Di-n-octyl phthalate	14.598	149	608613	39.605	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	700618	44.755	ng		98
88) Benzo(b)fluoranthene	15.039	252	509571	36.865	ng		99
89) Benzo(k)fluoranthene	15.068	252	497181	36.925	ng		98
90) Benzo(a)pyrene	15.404	252	491031	38.277	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	565608	43.642	ng		99
92) Benzo(g,h,i)perylene	17.368	276	572078	44.520	ng		97

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

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