Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
Data File : BF135561.D
Acq On : 04 Oct 2023 01:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Oct 04 07:15:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 06:58:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	142751	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	546569	20.000	ng	#	0.00
39) Acenaphthene-d10	9.775	164	273212	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	503961	20.000	ng		0.00
76) Chrysene-d12	13.927	240	254066	20.000	ng		0.00
86) Perylene-d12	15.386	264	301778	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	696755	79.385	ng		0.00
7) Phenol-d6	6.387	99	852940	76.426	ng		0.00
23) Nitrobenzene-d5	7.310	82	782619	77.793	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	183612	67.627	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1290357	71.256	ng		0.00
79) Terphenyl-d14	12.863	244	1235739	75.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.422	88	165218	42.941	ng		94
3) Pyridine	3.163	79	454830	43.922	ng		100
4) n-Nitrosodimethylamine	3.134	42	225544	41.044	ng		92
6) Aniline	6.410	93	550282	37.601	ng	#	91
8) 2-Chlorophenol	6.528	128	362486	38.688	ng		98
9) Benzaldehyde	6.298	77	247841	38.982	ng		99
10) Phenol	6.404	94	457567	37.390	ng	#	68
11) bis(2-Chloroethyl)ether	6.481	93	365659	39.834	ng		99
12) 1,3-Dichlorobenzene	6.675	146	358159	37.614	ng		98
13) 1,4-Dichlorobenzene	6.757	146	370331	38.227	ng		97
14) 1,2-Dichlorobenzene	6.904	146	335177	37.256	ng		99
15) Benzyl Alcohol	6.887	79	275480	34.398	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	662795	38.306	ng		86
17) 2-Methylphenol	7.004	107	308687	37.335	ng		97
18) Hexachloroethane	7.239	117	136187	38.046	ng		90
19) n-Nitroso-di-n-propyla...	7.157	70	247732	35.837	ng		96
20) 3+4-Methylphenols	7.157	107	377483	37.968	ng		92
22) Acetophenone	7.151	105	471320	37.718	ng		95
24) Nitrobenzene	7.328	77	402191	40.447	ng		98
25) Isophorone	7.563	82	732705	39.663	ng		99
26) 2-Nitrophenol	7.639	139	197756	41.438	ng		96
27) 2,4-Dimethylphenol	7.681	122	319573	39.838	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	448852	40.595	ng		99
29) 2,4-Dichlorophenol	7.886	162	292858	39.399	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	291711	37.547	ng		99
31) Naphthalene	8.039	128	1030617	38.809	ng		99
32) Benzoic acid	7.822	122	228743	37.868	ng		96
33) 4-Chloroaniline	8.098	127	466669	40.053	ng		98
34) Hexachlorobutadiene	8.151	225	167625	35.781	ng		98
35) Caprolactam	8.469	113	104407	41.852	ng	#	92
36) 4-Chloro-3-methylphenol	8.586	107	325065	39.348	ng		99
37) 2-Methylnaphthalene	8.733	142	682456	38.231	ng		99
38) 1-Methylnaphthalene	8.828	142	628136	37.584	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	304810	38.509	ng		98
41) Hexachlorocyclopentadiene	8.881	237	137274	43.111	ng		97
43) 2,4,6-Trichlorophenol	9.016	196	195591	37.741	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	224593	37.632	ng		99
46) 1,1'-Biphenyl	9.198	154	823905	39.241	ng		98
47) 2-Chloronaphthalene	9.222	162	596166	39.135	ng		100
48) 2-Nitroaniline	9.328	65	243530	41.149	ng		98
49) Acenaphthylene	9.639	152	961191	37.966	ng		98
50) Dimethylphthalate	9.504	163	716414	38.784	ng		100
51) 2,6-Dinitrotoluene	9.575	165	158711	39.221	ng	#	85
52) Acenaphthene	9.810	154	578024	38.648	ng		98
53) 3-Nitroaniline	9.745	138	198853	41.864	ng		92
54) 2,4-Dinitrophenol	9.863	184	93935	43.945	ng		97
55) Dibenzofuran	9.980	168	839908	36.801	ng		98
56) 4-Nitrophenol	9.922	139	129090	42.761	ng		98
57) 2,4-Dinitrotoluene	9.980	165	187469	37.006	ng	#	79
58) Fluorene	10.328	166	673238	38.371	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.110	232	167533	36.492	ng		98
60) Diethylphthalate	10.204	149	728707	39.308	ng		100
61) 4-Chlorophenyl-phenyle...	10.316	204	321744	38.175	ng		96
62) 4-Nitroaniline	10.363	138	183315	40.149	ng		95
63) Azobenzene	10.480	77	750530	41.367	ng		98
65) 4,6-Dinitro-2-methylph...	10.398	198	95744	35.769	ng		85
66) n-Nitrosodiphenylamine	10.439	169	624567	40.936	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	198325	39.568	ng		99
68) Hexachlorobenzene	10.875	284	198571	38.887	ng	#	91
69) Atrazine	10.975	200	162020	39.466	ng		99
70) Pentachlorophenol	11.080	266	111963	36.648	ng		99
71) Phenanthrene	11.292	178	946343	39.704	ng		99
72) Anthracene	11.345	178	967560	39.492	ng		99
73) Carbazole	11.504	167	909998	40.802	ng		99
74) Di-n-butylphthalate	11.833	149	1157841	44.057	ng		99
75) Fluoranthene	12.486	202	916374	36.897	ng		98
77) Benzidine	12.616	184	167512	32.183	ng		99
78) Pyrene	12.716	202	954466	39.459	ng		99
80) Butylbenzylphthalate	13.339	149	409736	48.111	ng		98
81) Benzo(a)anthracene	13.916	228	655148	39.934	ng		100
82) 3,3'-Dichlorobenzidine	13.880	252	223128	43.542	ng		99
83) Chrysene	13.951	228	655039	40.159	ng		100
84) Bis(2-ethylhexyl)phtha...	13.904	149	514936	58.921	ng		99
85) Di-n-octyl phthalate	14.515	149	786568	56.634	ng		100
87) Indeno(1,2,3-cd)pyrene	16.868	276	713124	36.041	ng		97
88) Benzo(b)fluoranthene	14.962	252	599238	36.681	ng	#	97
89) Benzo(k)fluoranthene	14.992	252	610739	37.846	ng	#	97
90) Benzo(a)pyrene	15.327	252	617063	39.609	ng		99
91) Dibenzo(a,h)anthracene	16.874	278	593863	36.682	ng		98
92) Benzo(g,h,i)perylene	17.309	276	587983	34.775	ng		96

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

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