Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
Data File : BM041931.D
Acq On : 20 Sep 2023 09:59
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Sep 20 12:10:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	321234	20.000	ng		0.00
21) Naphthalene-d8	10.780	136	1405187	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	887833	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	1914270	20.000	ng		0.00
76) Chrysene-d12	21.533	240	1669841	20.000	ng		-0.01
86) Perylene-d12	23.950	264	1611121	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1561134	80.945	ng		0.00
7) Phenol-d6	7.110	99	2203853	82.299	ng		0.00
23) Nitrobenzene-d5	9.157	82	2252575	81.619	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	862641	77.873	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	4851997	80.213	ng		0.00
79) Terphenyl-d14	19.968	244	7575129	82.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	314333	39.958	ng		98
3) Pyridine	3.816	79	1018928	41.695	ng		99
4) n-Nitrosodimethylamine	3.740	42	477827	41.136	ng		100
6) Aniline	7.304	93	1435755	40.469	ng		99
8) 2-Chlorophenol	7.516	128	860466	40.073	ng		99
9) Benzaldehyde	7.122	77	632081	41.752	ng		98
10) Phenol	7.134	94	1129695	41.099	ng		100
11) bis(2-Chloroethyl)ether	7.392	93	917982	40.037	ng		99
12) 1,3-Dichlorobenzene	7.839	146	913569	39.847	ng		99
13) 1,4-Dichlorobenzene	7.998	146	921270	39.546	ng		99
14) 1,2-Dichlorobenzene	8.310	146	888826	39.692	ng		99
15) Benzyl Alcohol	8.210	79	858717	40.619	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.486	45	1402004	39.982	ng		99
17) 2-Methylphenol	8.392	107	810993	40.575	ng		99
18) Hexachloroethane	9.028	117	343332	39.208	ng		98
19) n-Nitroso-di-n-propyla...	8.775	70	808159	40.599	ng		98
20) 3+4-Methylphenols	8.728	107	1112694	40.558	ng		99
22) Acetophenone	8.804	105	1425315	40.575	ng	#	99
24) Nitrobenzene	9.198	77	1120633	40.909	ng		100
25) Isophorone	9.710	82	2179105	40.004	ng		99
26) 2-Nitrophenol	9.898	139	499351	40.472	ng		99
27) 2,4-Dimethylphenol	9.933	122	891291	40.168	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	1281312	40.247	ng		99
29) 2,4-Dichlorophenol	10.416	162	879869	40.974	ng		99
30) 1,2,4-Trichlorobenzene	10.627	180	884507	40.119	ng		99
31) Naphthalene	10.833	128	2840097	40.147	ng		100
32) Benzoic acid	10.080	122	706899	40.433	ng		98
33) 4-Chloroaniline	10.957	127	1275223	40.275	ng		100
34) Hexachlorobutadiene	11.057	225	527895	39.201	ng		99
35) Caprolactam	11.798	113	308978	40.259	ng		96
36) 4-Chloro-3-methylphenol	12.051	107	976003	40.784	ng		99
37) 2-Methylnaphthalene	12.433	142	2088388	40.151	ng		100
38) 1-Methylnaphthalene	12.651	142	1950030	39.918	ng		100
40) 1,2,4,5-Tetrachloroben...	12.780	216	1041142	40.436	ng		99
41) Hexachlorocyclopentadiene	12.733	237	521809	36.042	ng		99
43) 2,4,6-Trichlorophenol	13.033	196	713939	40.744	ng		100

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44) 2,4,5-Trichlorophenol	13.104	196	829162	40.432	ng	99
46) 1,1'-Biphenyl	13.439	154	2622365	40.033	ng	99
47) 2-Chloronaphthalene	13.492	162	1916827	40.181	ng	100
48) 2-Nitroaniline	13.721	65	707066	41.479	ng	100
49) Acenaphthylene	14.339	152	3182289	40.196	ng	99
50) Dimethylphthalate	14.068	163	2600534	39.620	ng	100
51) 2,6-Dinitrotoluene	14.210	165	561787	40.388	ng	99
52) Acenaphthene	14.674	154	1906987	40.048	ng	99
53) 3-Nitroaniline	14.551	138	636526	40.885	ng	100
54) 2,4-Dinitrophenol	14.745	184	313400	36.076	ng	97
55) Dibenzofuran	15.009	168	3074873	40.004	ng	99
56) 4-Nitrophenol	14.827	139	502567	40.702	ng	98
57) 2,4-Dinitrotoluene	14.992	165	762084	41.411	ng	99
58) Fluorene	15.657	166	2421756	39.964	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	666521	39.598	ng	98
60) Diethylphthalate	15.415	149	2582232	39.550	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	1267113	39.858	ng	100
62) 4-Nitroaniline	15.715	138	613721	40.994	ng	99
63) Azobenzene	15.939	77	2690908	40.654	ng	98
65) 4,6-Dinitro-2-methylph...	15.745	198	431797	39.281	ng	98
66) n-Nitrosodiphenylamine	15.868	169	2157004	39.896	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	756830	38.366	ng	99
68) Hexachlorobenzene	16.627	284	824250	39.464	ng	97
69) Atrazine	16.815	200	633947	37.602	ng	99
70) Pentachlorophenol	16.986	266	618788	39.212	ng	99
71) Phenanthrene	17.403	178	3807263	39.879	ng	100
72) Anthracene	17.498	178	3891638	39.959	ng	100
73) Carbazole	17.780	167	3599218	40.304	ng	100
74) Di-n-butylphthalate	18.298	149	4597356	40.101	ng	100
75) Fluoranthene	19.415	202	4550148	40.597	ng	100
77) Benzidine	19.615	184	1290544	37.863	ng	100
78) Pyrene	19.780	202	4686060	40.331	ng	100
80) Butylbenzylphthalate	20.650	149	2065769	39.974	ng	100
81) Benzo(a)anthracene	21.515	228	4361888	40.051	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1521021	39.657	ng	99
83) Chrysene	21.574	228	4080431	39.972	ng	100
84) Bis(2-ethylhexyl)phtha...	21.397	149	3061007	39.928	ng	100
85) Di-n-octyl phthalate	22.327	149	5208930	40.365	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	3723856	38.712	ng	100
88) Benzo(b)fluoranthene	23.209	252	3910658	41.575	ng	99
89) Benzo(k)fluoranthene	23.256	252	3772755	40.589	ng	100
90) Benzo(a)pyrene	23.844	252	3540515	40.113	ng	100
91) Dibenzo(a,h)anthracene	26.473	278	3146807	39.239	ng	99
92) Benzo(g,h,i)perylene	27.238	276	2974328	38.817	ng	99

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

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