Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100522\
Data File : BM036839.D
Acq On : 05 Oct 2022 17:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Oct 06 02:35:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 03:17:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	373098	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1514277	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	849220	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	1543400	20.000	ng		0.00
76) Chrysene-d12	21.509	240	1248063	20.000	ng		0.00
86) Perylene-d12	23.921	264	1146652	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1728775	82.233	ng		0.00
7) Phenol-d6	7.134	99	2418402	81.896	ng		0.00
23) Nitrobenzene-d5	9.146	82	2365947	83.570	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	612253	91.924	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	4829641	87.691	ng		0.00
79) Terphenyl-d14	19.951	244	5351546	85.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	347903	38.407	ng		96
3) Pyridine	3.805	79	1072025	38.341	ng		96
4) n-Nitrosodimethylamine	3.717	42	436760	35.989	ng		91
6) Aniline	7.299	93	1479518	39.459	ng		98
8) 2-Chlorophenol	7.534	128	1035064	41.262	ng		97
9) Benzaldehyde	7.110	77	716432	37.878	ng		96
10) Phenol	7.163	94	1358289	40.159	ng		97
11) bis(2-Chloroethyl)ether	7.399	93	1056050	38.224	ng		96
12) 1,3-Dichlorobenzene	7.863	146	1112067	40.463	ng		97
13) 1,4-Dichlorobenzene	8.010	146	1149004	40.794	ng		99
14) 1,2-Dichlorobenzene	8.328	146	1092138	40.480	ng		98
15) Benzyl Alcohol	8.216	79	872024	37.901	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1390961	34.471	ng		99
17) 2-Methylphenol	8.416	107	882251	39.950	ng		98
18) Hexachloroethane	9.057	117	413928	39.837	ng		95
19) n-Nitroso-di-n-propyla...	8.793	70	825942	36.821	ng		96
20) 3+4-Methylphenols	8.751	107	1221257	40.228	ng		99
22) Acetophenone	8.804	105	1553380	40.869	ng	#	97
24) Nitrobenzene	9.187	77	1223575	40.868	ng		97
25) Isophorone	9.716	82	2082574	39.790	ng		97
26) 2-Nitrophenol	9.898	139	528532	44.504	ng		96
27) 2,4-Dimethylphenol	9.957	122	826475	42.675	ng		99
28) bis(2-Chloroethoxy)met...	10.198	93	1235207	39.015	ng		99
29) 2,4-Dichlorophenol	10.428	162	902025	44.111	ng		98
30) 1,2,4-Trichlorobenzene	10.645	180	943828	42.865	ng		100
31) Naphthalene	10.834	128	3357136	41.037	ng		99
32) Benzoic acid	10.098	122	689381	42.254	ng		95
33) 4-Chloroaniline	10.945	127	1340430	40.761	ng		98
34) Hexachlorobutadiene	11.116	225	527461	43.802	ng		100
35) Caprolactam	11.751	113	284812	40.361	ng		90
36) 4-Chloro-3-methylphenol	12.063	107	983421	40.907	ng		98
37) 2-Methylnaphthalene	12.439	142	2242953	40.816	ng		99
38) 1-Methylnaphthalene	12.657	142	2182504	40.580	ng		99
40) 1,2,4,5-Tetrachloroben...	12.798	216	934738	44.838	ng		98
41) Hexachlorocyclopentadiene	12.781	237	470822	46.106	ng		98
43) 2,4,6-Trichlorophenol	13.039	196	662817	46.375	ng		99

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44) 2,4,5-Trichlorophenol	13.110	196	723964	45.507	ng	98
46) 1,1'-Biphenyl	13.445	154	2657392	42.445	ng	99
47) 2-Chloronaphthalene	13.486	162	2050337	42.646	ng	99
48) 2-Nitroaniline	13.692	65	648401	39.029	ng	94
49) Acenaphthylene	14.328	152	3329105	42.757	ng	100
50) Dimethylphthalate	14.063	163	2459797	41.074	ng	99
51) 2,6-Dinitrotoluene	14.181	165	524538	43.836	ng	93
52) Acenaphthene	14.669	154	2020036	41.749	ng	99
53) 3-Nitroaniline	14.510	138	620949	43.225	ng	98
54) 2,4-Dinitrophenol	14.716	184	271996	41.465	ng	92
55) Dibenzofuran	14.998	168	3043816	41.550	ng	98
56) 4-Nitrophenol	14.810	139	471018	41.014	ng	96
57) 2,4-Dinitrotoluene	14.963	165	685358	40.009	ng	94
58) Fluorene	15.645	166	2510980	41.837	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	588355	44.716	ng	94
60) Diethylphthalate	15.422	149	2465918	39.701	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	1113448	42.452	ng	94
62) 4-Nitroaniline	15.669	138	633968	39.732	ng	96
63) Azobenzene	15.933	77	2624772	37.997	ng	96
65) 4,6-Dinitro-2-methylph...	15.722	198	357318	42.813	ng	95
66) n-Nitrosodiphenylamine	15.857	169	2040045	42.782	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	619044	43.495	ng	93
68) Hexachlorobenzene	16.645	284	697682	44.267	ng	93
69) Atrazine	16.804	200	582724	44.360	ng	97
70) Pentachlorophenol	16.986	266	439450	45.432	ng	99
71) Phenanthrene	17.380	178	3639436	42.119	ng	100
72) Anthracene	17.474	178	3516604	42.680	ng	100
73) Carbazole	17.745	167	3250173	42.262	ng	99
74) Di-n-butylphthalate	18.304	149	3927412	40.781	ng	99
75) Fluoranthene	19.386	202	3741514	42.085	ng	99
77) Benzidine	19.574	184	907639	34.662	ng	100
78) Pyrene	19.751	202	3893761	41.429	ng	100
80) Butylbenzylphthalate	20.645	149	1559410	36.320	ng	99
81) Benzo(a)anthracene	21.492	228	3381856	41.718	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1016080	46.175	ng	100
83) Chrysene	21.545	228	3247723	41.595	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	2182176	35.022	ng	99
85) Di-n-octyl phthalate	22.351	149	3329201	34.802	ng	97
87) Indeno(1,2,3-cd)pyrene	26.439	276	3458940	45.678	ng	97
88) Benzo(b)fluoranthene	23.186	252	2953471	40.646	ng	100
89) Benzo(k)fluoranthene	23.233	252	3068020	41.036	ng	99
90) Benzo(a)pyrene	23.815	252	2489909	42.607	ng	98
91) Dibenzo(a,h)anthracene	26.456	278	2853949	45.242	ng	98
92) Benzo(g,h,i)perylene	27.209	276	2827731	46.170	ng	97

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

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