Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
Data File : BM041440.D
Acq On : 21 Aug 2023 09:57
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Aug 22 03:33:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 03:32:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	132562	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	539691	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	369447	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	890912	20.000	ng		0.00
76) Chrysene-d12	21.386	240	994249	20.000	ng		0.00
86) Perylene-d12	23.727	264	1184454	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	591414	74.219	ng		0.00
7) Phenol-d6	6.957	99	826437	76.378	ng		0.00
23) Nitrobenzene-d5	8.934	82	843057	74.569	ng		0.00
42) 2,4,6-Tribromophenol	15.921	330	487748	83.192	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	2073764	75.218	ng		0.00
79) Terphenyl-d14	19.815	244	4018214	70.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	119116	35.184	ng		97
3) Pyridine	3.646	79	333700	37.308	ng		98
4) n-Nitrosodimethylamine	3.563	42	149679	36.294	ng		99
6) Aniline	7.098	93	498263	38.724	ng		98
8) 2-Chlorophenol	7.328	128	316741	38.473	ng		99
9) Benzaldehyde	6.910	77	215940	36.146	ng		98
10) Phenol	6.981	94	400032	38.265	ng		98
11) bis(2-Chloroethyl)ether	7.198	93	319460	38.198	ng		99
12) 1,3-Dichlorobenzene	7.640	146	348977	38.139	ng		98
13) 1,4-Dichlorobenzene	7.792	146	352421	38.094	ng		98
14) 1,2-Dichlorobenzene	8.104	146	343497	38.467	ng		99
15) Benzyl Alcohol	8.016	79	301984	39.313	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.281	45	366989	36.574	ng		98
17) 2-Methylphenol	8.228	107	294907	39.462	ng		99
18) Hexachloroethane	8.822	117	132371	37.679	ng		96
19) n-Nitroso-di-n-propyla...	8.575	70	291770	39.306	ng		99
20) 3+4-Methylphenols	8.563	107	410145	39.960	ng		98
22) Acetophenone	8.598	105	526327	37.844	ng	#	98
24) Nitrobenzene	8.975	77	424624	37.613	ng		99
25) Isophorone	9.498	82	794399	38.388	ng		99
26) 2-Nitrophenol	9.681	139	192534	39.061	ng		98
27) 2,4-Dimethylphenol	9.757	122	304721	38.394	ng		99
28) bis(2-Chloroethoxy)met...	9.986	93	449633	37.329	ng		99
29) 2,4-Dichlorophenol	10.228	162	341055	39.225	ng		98
30) 1,2,4-Trichlorobenzene	10.422	180	373317	38.668	ng		97
31) Naphthalene	10.604	128	1056873	37.665	ng		100
32) Benzoic acid	9.951	122	235861	37.001	ng		99
33) 4-Chloroaniline	10.739	127	467174	39.436	ng		98
34) Hexachlorobutadiene	10.875	225	250393	39.218	ng		98
35) Caprolactam	11.569	113	112713	41.816	ng		97
36) 4-Chloro-3-methylphenol	11.892	107	369593	39.941	ng		97
37) 2-Methylnaphthalene	12.227	142	805271	39.440	ng		99
38) 1-Methylnaphthalene	12.445	142	756424	39.214	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	463511	38.455	ng		98
41) Hexachlorocyclopentadiene	12.557	237	278916	45.528	ng		98
43) 2,4,6-Trichlorophenol	12.857	196	317725	39.386	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	367638	39.368	ng		97
46) 1,1'-Biphenyl	13.245	154	1041388	37.350	ng		99
47) 2-Chloronaphthalene	13.292	162	810465	37.820	ng		99
48) 2-Nitroaniline	13.521	65	270072	38.570	ng		94
49) Acenaphthylene	14.139	152	1330033	38.301	ng		100
50) Dimethylphthalate	13.892	163	1124196	38.969	ng		100
51) 2,6-Dinitrotoluene	14.021	165	246501	39.870	ng		95
52) Acenaphthene	14.480	154	790536	38.063	ng		100
53) 3-Nitroaniline	14.357	138	248354	40.279	ng		100
54) 2,4-Dinitrophenol	14.574	184	136225	35.227	ng		94
55) Dibenzofuran	14.821	168	1349342	38.744	ng		100
56) 4-Nitrophenol	14.710	139	165283	35.599	ng		96
57) 2,4-Dinitrotoluene	14.816	165	353991	41.896	ng		94
58) Fluorene	15.474	166	1099759	39.402	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	322754	40.666	ng		96
60) Diethylphthalate	15.257	149	1137833	39.476	ng		98
61) 4-Chlorophenyl-phenyle...	15.468	204	605832	40.260	ng		98
62) 4-Nitroaniline	15.527	138	240824	42.814	ng		99
63) Azobenzene	15.762	77	1112547	38.310	ng		98
65) 4,6-Dinitro-2-methylph...	15.580	198	227680	39.922	ng		95
66) n-Nitrosodiphenylamine	15.692	169	960327	36.618	ng		98
67) 4-Bromophenyl-phenylether	16.362	248	383167	37.531	ng		98
68) Hexachlorobenzene	16.474	284	422240	37.898	ng		98
69) Atrazine	16.657	200	294774	39.608	ng		99
70) Pentachlorophenol	16.833	266	288902	37.030	ng		99
71) Phenanthrene	17.221	178	1778210	37.812	ng		100
72) Anthracene	17.309	178	1837755	38.537	ng		99
73) Carbazole	17.598	167	1664147	39.220	ng		100
74) Di-n-butylphthalate	18.151	149	2107530	39.537	ng		99
75) Fluoranthene	19.245	202	2339297	41.780	ng		100
77) Benzidine	19.451	184	597442	52.423	ng		99
78) Pyrene	19.609	202	2445867	34.397	ng		100
80) Butylbenzylphthalate	20.515	149	1039606	36.503	ng		98
81) Benzo(a)anthracene	21.368	228	2639066	38.869	ng		100
82) 3,3'-Dichlorobenzidine	21.309	252	941904	42.893	ng		99
83) Chrysene	21.421	228	2490482	38.589	ng		99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1560887	38.577	ng	#	96
85) Di-n-octyl phthalate	22.197	149	2680474	40.516	ng		98
87) Indeno(1,2,3-cd)pyrene	26.150	276	3165031	41.041	ng		98
88) Benzo(b)fluoranthene	23.015	252	2608985	36.957	ng		99
89) Benzo(k)fluoranthene	23.068	252	2719529	38.119	ng		99
90) Benzo(a)pyrene	23.627	252	2597445	38.640	ng		99
91) Dibenzo(a,h)anthracene	26.162	278	2669719	41.163	ng		98
92) Benzo(g,h,i)perylene	26.891	276	2539253	40.499	ng		99

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

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