Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
Data File : BM042394.D
Acq On : 23 Oct 2023 09:24
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Oct 23 10:52:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	133548	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	539762	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	287513	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	572460	20.000	ng		0.00
76) Chrysene-d12	21.574	240	531055	20.000	ng		0.00
86) Perylene-d12	24.038	264	542758	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	750018	79.373	ng		0.00
7) Phenol-d6	7.145	99	1022433	80.741	ng		0.00
23) Nitrobenzene-d5	9.192	82	1026172	84.068	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	246075	81.232	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	1797280	84.178	ng		0.00
79) Terphenyl-d14	20.003	244	2604607	86.982	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	169251	38.038	ng		100
3) Pyridine	3.810	79	515921	39.521	ng		98
4) n-Nitrosodimethylamine	3.734	42	258571	39.230	ng		95
6) Aniline	7.334	93	656824	40.739	ng		99
8) 2-Chlorophenol	7.545	128	374489	39.940	ng		100
9) Benzaldehyde	7.151	77	276904	37.543	ng		100
10) Phenol	7.175	94	523544	40.012	ng		99
11) bis(2-Chloroethyl)ether	7.428	93	423763	39.446	ng		100
12) 1,3-Dichlorobenzene	7.875	146	385129	39.712	ng		99
13) 1,4-Dichlorobenzene	8.034	146	387312	39.674	ng		97
14) 1,2-Dichlorobenzene	8.339	146	367138	39.166	ng		99
15) Benzyl Alcohol	8.251	79	382092	40.704	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.522	45	676827	39.817	ng		98
17) 2-Methylphenol	8.434	107	355378	41.158	ng		97
18) Hexachloroethane	9.063	117	150449	40.032	ng		98
19) n-Nitroso-di-n-propyla...	8.810	70	361196	42.084	ng		99
20) 3+4-Methylphenols	8.769	107	473708	40.903	ng		98
22) Acetophenone	8.845	105	611946	41.557	ng	#	99
24) Nitrobenzene	9.239	77	515420	42.206	ng		99
25) Isophorone	9.745	82	899008	43.338	ng		100
26) 2-Nitrophenol	9.939	139	185804	40.010	ng		98
27) 2,4-Dimethylphenol	9.975	122	354932	42.182	ng		99
28) bis(2-Chloroethoxy)met...	10.233	93	552197	42.016	ng		100
29) 2,4-Dichlorophenol	10.457	162	316554	43.261	ng		99
30) 1,2,4-Trichlorobenzene	10.669	180	324023	41.306	ng		99
31) Naphthalene	10.869	128	1157629	41.755	ng		100
32) Benzoic acid	10.104	122	250313	41.486	ng		94
33) 4-Chloroaniline	11.004	127	506425	42.072	ng		99
34) Hexachlorobutadiene	11.092	225	174577	41.127	ng		100
35) Caprolactam	11.827	113	112761	39.955	ng		95
36) 4-Chloro-3-methylphenol	12.098	107	382297	43.294	ng		98
37) 2-Methylnaphthalene	12.469	142	790825	42.374	ng		99
38) 1-Methylnaphthalene	12.686	142	736806	42.142	ng		99
40) 1,2,4,5-Tetrachloroben...	12.816	216	342670	41.226	ng		100
41) Hexachlorocyclopentadiene	12.769	237	173027	40.773	ng		100
43) 2,4,6-Trichlorophenol	13.069	196	234222	43.530	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	272269	42.806	ng	99
46) 1,1'-Biphenyl	13.474	154	957348	41.973	ng	99
47) 2-Chloronaphthalene	13.527	162	695109	41.540	ng	100
48) 2-Nitroaniline	13.757	65	293191	40.290	ng	99
49) Acenaphthylene	14.368	152	1168104	43.239	ng	100
50) Dimethylphthalate	14.104	163	893427	42.364	ng	99
51) 2,6-Dinitrotoluene	14.251	165	192087	40.800	ng	91
52) Acenaphthene	14.704	154	692359	42.391	ng	100
53) 3-Nitroaniline	14.586	138	225326	40.457	ng	94
54) 2,4-Dinitrophenol	14.786	184	103579	39.699	ng	97
55) Dibenzofuran	15.039	168	1095607	42.412	ng	99
56) 4-Nitrophenol	14.868	139	186673	43.461	ng	95
57) 2,4-Dinitrotoluene	15.027	165	250582	40.078	ng	97
58) Fluorene	15.686	166	872786	42.816	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.257	232	210811	44.118	ng	98
60) Diethylphthalate	15.451	149	904069	43.441	ng	100
61) 4-Chlorophenyl-phenyle...	15.680	204	415649	43.297	ng	97
62) 4-Nitroaniline	15.751	138	218477	40.932	ng	100
63) Azobenzene	15.974	77	1127194	45.144	ng	98
65) 4,6-Dinitro-2-methylph...	15.774	198	141804	39.949	ng	98
66) n-Nitrosodiphenylamine	15.904	169	749169	43.449	ng	99
67) 4-Bromophenyl-phenylether	16.574	248	228822	43.128	ng	99
68) Hexachlorobenzene	16.657	284	241818	42.639	ng	99
69) Atrazine	16.845	200	193817	44.326	ng	98
70) Pentachlorophenol	17.021	266	177997	40.769	ng	99
71) Phenanthrene	17.433	178	1335185	42.874	ng	99
72) Anthracene	17.527	178	1343709	43.567	ng	100
73) Carbazole	17.809	167	1244440	43.009	ng	100
74) Di-n-butylphthalate	18.333	149	1478674	40.807	ng	100
75) Fluoranthene	19.445	202	1493018	43.531	ng	100
77) Benzidine	19.656	184	382391	49.782	ng	99
78) Pyrene	19.815	202	1567987	42.253	ng	100
80) Butylbenzylphthalate	20.692	149	670118	40.391	ng	99
81) Benzo(a)anthracene	21.556	228	1490639	41.871	ng	99
82) 3,3'-Dichlorobenzidine	21.497	252	461825	43.455	ng	98
83) Chrysene	21.615	228	1420497	41.543	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	949097	40.271	ng	99
85) Di-n-octyl phthalate	22.386	149	1609618	39.839	ng	100
87) Indeno(1,2,3-cd)pyrene	26.632	276	1627891	41.041	ng	99
88) Benzo(b)fluoranthene	23.280	252	1367030	41.844	ng	99
89) Benzo(k)fluoranthene	23.327	252	1407774	41.504	ng	99
90) Benzo(a)pyrene	23.933	252	1326287	42.178	ng	98
91) Dibenzo(a,h)anthracene	26.644	278	1356967	41.148	ng	100
92) Benzo(g,h,i)perylene	27.438	276	1300590	40.609	ng	99

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

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