Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
Data File : BM043975.D
Acq On : 05 Feb 2024 13:25
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Feb 06 06:46:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 06:29:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	211988	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1022091	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	652041	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1477986	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1589769	20.000	ng		0.00
86) Perylene-d12	23.933	264	1954358	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	568878	39.629	ng		0.00
7) Phenol-d6	7.087	99	846931	39.931	ng		0.00
23) Nitrobenzene-d5	9.092	82	837713	39.509	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	315306	39.670	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	1895034	39.935	ng		0.00
79) Terphenyl-d14	19.956	244	3456824	41.975	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	109448	19.728	ng		98
3) Pyridine	3.793	79	350411	20.800	ng		98
4) n-Nitrosodimethylamine	3.716	42	145305	20.020	ng	#	94
6) Aniline	7.251	93	418772	19.844	ng		98
8) 2-Chlorophenol	7.481	128	318627	19.991	ng		97
9) Benzaldehyde	7.069	77	235639	22.254	ng		98
10) Phenol	7.110	94	422070	20.014	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	331238	20.040	ng		99
12) 1,3-Dichlorobenzene	7.810	146	341448	19.843	ng		98
13) 1,4-Dichlorobenzene	7.957	146	348824	20.044	ng		100
14) 1,2-Dichlorobenzene	8.275	146	347146	20.227	ng		98
15) Benzyl Alcohol	8.169	79	289601	19.921	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.463	45	449798	20.352	ng		99
17) 2-Methylphenol	8.369	107	270486	20.065	ng		97
18) Hexachloroethane	8.998	117	130885	20.042	ng		99
19) n-Nitroso-di-n-propyla...	8.739	70	286398	20.521	ng		98
20) 3+4-Methylphenols	8.698	107	384857	20.227	ng		98
22) Acetophenone	8.751	105	552695	19.957	ng	#	97
24) Nitrobenzene	9.134	77	427067	20.075	ng		100
25) Isophorone	9.657	82	787560	19.953	ng		99
26) 2-Nitrophenol	9.845	139	164580	19.142	ng		98
27) 2,4-Dimethylphenol	9.904	122	232798	19.719	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	477723	19.819	ng		99
29) 2,4-Dichlorophenol	10.375	162	293553	19.495	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	334578	19.673	ng		100
31) Naphthalene	10.775	128	1129889	19.833	ng		99
32) Benzoic acid	9.998	122	197877	19.776	ng		97
33) 4-Chloroaniline	10.892	127	464011	19.816	ng		100
34) Hexachlorobutadiene	11.051	225	185559	20.005	ng		98
35) Caprolactam	11.669	113	121991	19.759	ng		98
36) 4-Chloro-3-methylphenol	12.016	107	369264	20.026	ng		99
37) 2-Methylnaphthalene	12.386	142	788586	19.849	ng		99
38) 1-Methylnaphthalene	12.610	142	788744	19.888	ng		98
40) 1,2,4,5-Tetrachloroben...	12.751	216	361131	19.528	ng		99
41) Hexachlorocyclopentadiene	12.727	237	121171	19.922	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	245463	19.641	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	284491	19.952	ng	99
46) 1,1'-Biphenyl	13.404	154	1021390	19.920	ng	99
47) 2-Chloronaphthalene	13.439	162	816848	19.976	ng	100
48) 2-Nitroaniline	13.657	65	261066	19.629	ng	98
49) Acenaphthylene	14.286	152	1251838	20.027	ng	100
50) Dimethylphthalate	14.033	163	1020951	20.158	ng	100
51) 2,6-Dinitrotoluene	14.157	165	222910	20.022	ng	99
52) Acenaphthene	14.627	154	792805	20.007	ng	100
53) 3-Nitroaniline	14.480	138	259981	20.115	ng	97
54) 2,4-Dinitrophenol	14.686	184	95896	20.029	ng	98
55) Dibenzofuran	14.968	168	1237321	20.064	ng	100
56) 4-Nitrophenol	14.780	139	226197	20.027	ng	99
57) 2,4-Dinitrotoluene	14.939	165	305885	19.738	ng	99
58) Fluorene	15.615	166	1045309	20.072	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	248822	20.242	ng	100
60) Diethylphthalate	15.404	149	1056629	20.153	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	486119	20.008	ng	99
62) 4-Nitroaniline	15.639	138	284978	20.167	ng	100
63) Azobenzene	15.910	77	1063487	20.308	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	145722	20.088	ng	99
66) n-Nitrosodiphenylamine	15.833	169	879130	19.968	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	285623	19.617	ng	98
68) Hexachlorobenzene	16.610	284	344171	19.826	ng	99
69) Atrazine	16.792	200	260206	21.363	ng	100
70) Pentachlorophenol	16.962	266	226091	19.834	ng	99
71) Phenanthrene	17.362	178	1634876	19.860	ng	99
72) Anthracene	17.451	178	1608401	19.956	ng	100
73) Carbazole	17.727	167	1668812	19.993	ng	99
74) Di-n-butylphthalate	18.309	149	1817037	19.850	ng	100
75) Fluoranthene	19.380	202	2017575	19.818	ng	100
77) Benzidine	19.580	184	204554	10.141	ng	99
78) Pyrene	19.745	202	2160516	19.771	ng	99
80) Butylbenzylphthalate	20.668	149	843521	19.493	ng	99
81) Benzo(a)anthracene	21.503	228	2225205	19.951	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	692539	19.419	ng	99
83) Chrysene	21.556	228	2130615	19.940	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	1276805	19.841	ng	99
85) Di-n-octyl phthalate	22.397	149	2146589	19.364	ng	100
87) Indeno(1,2,3-cd)pyrene	26.432	276	2947146	20.153	ng	100
88) Benzo(b)fluoranthene	23.197	252	2429423	19.762	ng	99
89) Benzo(k)fluoranthene	23.244	252	2366164	20.062	ng	99
90) Benzo(a)pyrene	23.821	252	2149412	19.781	ng	99
91) Dibenzo(a,h)anthracene	26.462	278	2427619	20.129	ng	99
92) Benzo(g,h,i)perylene	27.203	276	2492310	20.260	ng	99

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

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