Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
Data File : BM043902.D
Acq On : 25 Jan 2024 14:07
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jan 26 00:33:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 00:26:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	273836	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1107402	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	636652	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	1289334	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1282065	20.000	ng		0.00
86) Perylene-d12	23.933	264	1384273	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1744235	102.908	ng		0.00
7) Phenol-d6	7.087	99	2260212	102.711	ng		0.00
23) Nitrobenzene-d5	9.093	82	2179365	105.387	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	778750	105.163	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	5033234	102.700	ng		0.00
79) Terphenyl-d14	19.963	244	7734522	102.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	388311	49.638	ng		99
3) Pyridine	3.787	79	985711	51.637	ng		99
4) n-Nitrosodimethylamine	3.711	42	472784	51.346	ng		98
6) Aniline	7.252	93	1340727	50.225	ng		99
8) 2-Chlorophenol	7.481	128	934013	52.204	ng		100
9) Benzaldehyde	7.069	77	545310	48.629	ng		99
10) Phenol	7.116	94	1177171	50.608	ng		99
11) bis(2-Chloroethyl)ether	7.357	93	964380	50.528	ng		98
12) 1,3-Dichlorobenzene	7.810	146	1067673	50.008	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1089195	50.218	ng		100
14) 1,2-Dichlorobenzene	8.275	146	1040728	50.092	ng		98
15) Benzyl Alcohol	8.169	79	812354	51.308	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.452	45	1473412	50.233	ng		100
17) 2-Methylphenol	8.369	107	757535	51.028	ng		99
18) Hexachloroethane	8.999	117	400077	51.121	ng		98
19) n-Nitroso-di-n-propyla...	8.746	70	792275	50.694	ng		99
20) 3+4-Methylphenols	8.699	107	1018704	51.865	ng		99
22) Acetophenone	8.757	105	1483149	50.138	ng	#	99
24) Nitrobenzene	9.134	77	1052266	52.218	ng		99
25) Isophorone	9.663	82	2043271	50.312	ng		100
26) 2-Nitrophenol	9.846	139	350972	48.021	ng		97
27) 2,4-Dimethylphenol	9.904	122	684716	51.858	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	1247134	50.268	ng		100
29) 2,4-Dichlorophenol	10.375	162	825437	54.090	ng		99
30) 1,2,4-Trichlorobenzene	10.587	180	963247	50.659	ng		100
31) Naphthalene	10.781	128	2985689	50.165	ng		100
32) Benzoic acid	10.040	122	330377	50.227	ng		95
33) 4-Chloroaniline	10.898	127	1241070	50.154	ng		99
34) Hexachlorobutadiene	11.057	225	553944	50.664	ng		99
35) Caprolactam	11.681	113	269836	54.042	ng		98
36) 4-Chloro-3-methylphenol	12.016	107	852477	52.440	ng		99
37) 2-Methylnaphthalene	12.392	142	2061604	50.032	ng		99
38) 1-Methylnaphthalene	12.610	142	1912329	49.894	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1046122	51.067	ng		100
41) Hexachlorocyclopentadiene	12.728	237	427644	57.250	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	613051	56.017	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	668210	55.635	ng	100
46) 1,1'-Biphenyl	13.404	154	2614855	50.651	ng	99
47) 2-Chloronaphthalene	13.445	162	2013213	50.703	ng	99
48) 2-Nitroaniline	13.657	65	525494	48.947	ng	94
49) Acenaphthylene	14.292	152	3299164	50.800	ng	100
50) Dimethylphthalate	14.039	163	2364597	50.633	ng	100
51) 2,6-Dinitrotoluene	14.157	165	465830	49.421	ng	99
52) Acenaphthene	14.633	154	1889317	50.985	ng	99
53) 3-Nitroaniline	14.481	138	528395	48.736	ng	97
54) 2,4-Dinitrophenol	14.686	184	124049	49.967	ng	96
55) Dibenzofuran	14.969	168	2945568	49.957	ng	99
56) 4-Nitrophenol	14.781	139	411287	48.246	ng	98
57) 2,4-Dinitrotoluene	14.939	165	614849	48.525	ng	99
58) Fluorene	15.616	166	2488063	50.850	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	579235	49.914	ng	98
60) Diethylphthalate	15.410	149	2401642	50.532	ng	99
61) 4-Chlorophenyl-phenyle...	15.622	204	1227226	50.661	ng	99
62) 4-Nitroaniline	15.645	138	561703	49.028	ng	99
63) Azobenzene	15.916	77	2519139	50.318	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	205396	49.881	ng	100
66) n-Nitrosodiphenylamine	15.833	169	2087145	51.715	ng	100
67) 4-Bromophenyl-phenylether	16.516	248	738374	51.019	ng	98
68) Hexachlorobenzene	16.610	284	846181	50.778	ng	100
69) Atrazine	16.798	200	671587	53.475	ng	98
70) Pentachlorophenol	16.963	266	449779	48.862	ng	98
71) Phenanthrene	17.363	178	3666134	50.791	ng	99
72) Anthracene	17.457	178	3783292	51.462	ng	100
73) Carbazole	17.727	167	3477924	51.278	ng	100
74) Di-n-butylphthalate	18.310	149	4197068	53.815	ng	99
75) Fluoranthene	19.380	202	4207362	51.071	ng	100
77) Benzidine	19.580	184	1553158	55.752	ng	99
78) Pyrene	19.745	202	4468948	50.981	ng	100
80) Butylbenzylphthalate	20.668	149	1577056	48.491	ng	94
81) Benzo(a)anthracene	21.504	228	4630017	51.083	ng	100
82) 3,3'-Dichlorobenzidine	21.445	252	1523111	54.664	ng	99
83) Chrysene	21.557	228	4301904	50.580	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	2778874	49.739	ng	100
85) Di-n-octyl phthalate	22.409	149	4386735	53.632	ng	100
87) Indeno(1,2,3-cd)pyrene	26.444	276	5397602	52.027	ng	100
88) Benzo(b)fluoranthene	23.198	252	4513919	52.523	ng	99
89) Benzo(k)fluoranthene	23.251	252	4456809	51.354	ng	100
90) Benzo(a)pyrene	23.827	252	4140778	52.056	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	4415565	52.191	ng	99
92) Benzo(g,h,i)perylene	27.209	276	4061469	51.517	ng	100

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

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