Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
Data File : BM043900.D
Acq On : 25 Jan 2024 12:55
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jan 26 00:31:21 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	242038	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	991167	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	599270	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1268298	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1222992	20.000	ng		0.00
86) Perylene-d12	23.933	264	1365996	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	609562	40.688	ng		0.00
7) Phenol-d6	7.081	99	782680	40.240	ng		0.00
23) Nitrobenzene-d5	9.092	82	761938	41.166	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	268475	38.517	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	1897722	41.137	ng		0.00
79) Terphenyl-d14	19.962	244	3091173	43.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	145473	21.039	ng		97
3) Pyridine	3.787	79	343955	20.385	ng		98
4) n-Nitrosodimethylamine	3.710	42	167924	20.633	ng	#	97
6) Aniline	7.251	93	481890	20.424	ng		99
8) 2-Chlorophenol	7.481	128	315359	19.942	ng		99
9) Benzaldehyde	7.069	77	227794	22.983	ng		98
10) Phenol	7.110	94	417996	20.331	ng		99
11) bis(2-Chloroethyl)ether	7.357	93	342976	20.331	ng		98
12) 1,3-Dichlorobenzene	7.810	146	387401	20.529	ng		99
13) 1,4-Dichlorobenzene	7.957	146	394260	20.566	ng		99
14) 1,2-Dichlorobenzene	8.275	146	376314	20.492	ng		98
15) Benzyl Alcohol	8.169	79	281469	20.113	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	537683	20.739	ng		99
17) 2-Methylphenol	8.363	107	268000	20.424	ng		98
18) Hexachloroethane	8.998	117	141913	20.516	ng		98
19) n-Nitroso-di-n-propyla...	8.739	70	293865	21.273	ng		99
20) 3+4-Methylphenols	8.692	107	353932	20.387	ng		99
22) Acetophenone	8.751	105	552232	20.858	ng	#	99
24) Nitrobenzene	9.133	77	375278	20.807	ng		99
25) Isophorone	9.657	82	767553	21.116	ng		99
26) 2-Nitrophenol	9.845	139	88653	18.180	ng		98
27) 2,4-Dimethylphenol	9.904	122	247271	20.923	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	466326	21.000	ng		99
29) 2,4-Dichlorophenol	10.369	162	279108	20.434	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	352656	20.722	ng		99
31) Naphthalene	10.780	128	1108763	20.814	ng		100
32) Benzoic acid	9.992	122	71308	20.378	ng		97
33) 4-Chloroaniline	10.892	127	462289	20.873	ng		99
34) Hexachlorobutadiene	11.051	225	204207	20.867	ng		98
35) Caprolactam	11.657	113	94415	21.127	ng		95
36) 4-Chloro-3-methylphenol	12.016	107	302489	20.790	ng		97
37) 2-Methylnaphthalene	12.392	142	770001	20.878	ng		100
38) 1-Methylnaphthalene	12.610	142	717443	20.914	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	396103	20.542	ng		99
41) Hexachlorocyclopentadiene	12.727	237	135187	19.227	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	206833	20.078	ng		97

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44) 2,4,5-Trichlorophenol	13.063	196	229426	20.293	ng		99
46) 1,1'-Biphenyl	13.404	154	1006020	20.703	ng		100
47) 2-Chloronaphthalene	13.445	162	771976	20.655	ng		99
48) 2-Nitroaniline	13.651	65	161115	19.170	ng		98
49) Acenaphthylene	14.286	152	1270324	20.780	ng		100
50) Dimethylphthalate	14.033	163	927807	21.107	ng		99
51) 2,6-Dinitrotoluene	14.151	165	159868	20.046	ng		93
52) Acenaphthene	14.627	154	722347	20.709	ng		99
53) 3-Nitroaniline	14.480	138	177519	19.743	ng	#	94
54) 2,4-Dinitrophenol	14.686	184	31233	20.602	ng		96
55) Dibenzofuran	14.968	168	1158557	20.875	ng		99
56) 4-Nitrophenol	14.780	139	128985	20.090	ng		99
57) 2,4-Dinitrotoluene	14.939	165	193382	19.519	ng		98
58) Fluorene	15.615	166	961701	20.881	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	199223	20.046	ng		99
60) Diethylphthalate	15.404	149	950774	21.253	ng		100
61) 4-Chlorophenyl-phenyle...	15.621	204	476586	20.901	ng		99
62) 4-Nitroaniline	15.639	138	193561	20.137	ng		97
63) Azobenzene	15.909	77	998634	21.191	ng		99
65) 4,6-Dinitro-2-methylph...	15.698	198	48980	19.798	ng		99
66) n-Nitrosodiphenylamine	15.833	169	820617	20.670	ng		99
67) 4-Bromophenyl-phenylether	16.515	248	292722	20.562	ng		100
68) Hexachlorobenzene	16.609	284	339584	20.716	ng		99
69) Atrazine	16.792	200	254487	20.600	ng		99
70) Pentachlorophenol	16.962	266	143307	20.145	ng		98
71) Phenanthrene	17.362	178	1455096	20.493	ng		100
72) Anthracene	17.451	178	1483772	20.518	ng		99
73) Carbazole	17.727	167	1371450	20.556	ng		100
74) Di-n-butylphthalate	18.315	149	1595018	20.791	ng		100
75) Fluoranthene	19.380	202	1662538	20.515	ng		100
77) Benzidine	19.580	184	585747	22.042	ng		99
78) Pyrene	19.745	202	1752638	20.960	ng		99
80) Butylbenzylphthalate	20.674	149	489336	19.289	ng		100
81) Benzo(a)anthracene	21.503	228	1798657	20.803	ng		99
82) 3,3'-Dichlorobenzidine	21.444	252	548189	20.625	ng		100
83) Chrysene	21.556	228	1701621	20.973	ng		99
84) Bis(2-ethylhexyl)phtha...	21.462	149	963827	19.880	ng		99
85) Di-n-octyl phthalate	22.409	149	1447006	18.546	ng		99
87) Indeno(1,2,3-cd)pyrene	26.438	276	2106385	20.575	ng		100
88) Benzo(b)fluoranthene	23.197	252	1716115	20.235	ng		100
89) Benzo(k)fluoranthene	23.250	252	1799185	21.009	ng		99
90) Benzo(a)pyrene	23.827	252	1623542	20.684	ng		99
91) Dibenzo(a,h)anthracene	26.468	278	1709219	20.473	ng		99
92) Benzo(g,h,i)perylene	27.209	276	1608885	20.681	ng		99

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

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