Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
Data File : BM043905.D
Acq On : 25 Jan 2024 16:06
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM012524

Quant Time: Jan 26 00:39:38 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	264879	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1077081	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	623535	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1278089	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1246991	20.000	ng	0.00
86) Perylene-d12	23.933	264	1366509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1415078	86.311	ng	0.00
7) Phenol-d6	7.087	99	1811094	85.085	ng	0.00
23) Nitrobenzene-d5	9.092	82	1763902	87.698	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	632661	87.233	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	4004243	83.423	ng	0.00
79) Terphenyl-d14	19.962	244	6259343	85.636	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	312021	41.234	ng	99
3) Pyridine	3.787	79	773589	41.895	ng	99
4) n-Nitrosodimethylamine	3.710	42	363617	40.826	ng	95
6) Aniline	7.251	93	1069195	41.408	ng	99
8) 2-Chlorophenol	7.481	128	750543	43.368	ng	98
9) Benzaldehyde	7.069	77	463749	42.754	ng	100
10) Phenol	7.110	94	956400	42.508	ng	100
11) bis(2-Chloroethyl)ether	7.357	93	764441	41.406	ng	99
12) 1,3-Dichlorobenzene	7.804	146	848410	41.082	ng	99
13) 1,4-Dichlorobenzene	7.957	146	861157	41.047	ng	100
14) 1,2-Dichlorobenzene	8.269	146	826397	41.121	ng	98
15) Benzyl Alcohol	8.169	79	656111	42.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1172071	41.311	ng	100
17) 2-Methylphenol	8.363	107	604412	42.090	ng	100
18) Hexachloroethane	8.998	117	322344	42.581	ng	98
19) n-Nitroso-di-n-propyla...	8.739	70	627242	41.492	ng	100
20) 3+4-Methylphenols	8.698	107	817700	43.039	ng	99
22) Acetophenone	8.751	105	1183258	41.126	ng	100
24) Nitrobenzene	9.133	77	840632	42.890	ng	98
25) Isophorone	9.657	82	1638374	41.478	ng	100
26) 2-Nitrophenol	9.845	139	300400	43.032	ng	99
27) 2,4-Dimethylphenol	9.904	122	551050	42.909	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	1004236	41.617	ng	99
29) 2,4-Dichlorophenol	10.375	162	656937	44.260	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	758739	41.027	ng	99
31) Naphthalene	10.780	128	2369119	40.926	ng	100
32) Benzoic acid	10.028	122	281618	46.427	ng	97
33) 4-Chloroaniline	10.892	127	980984	40.760	ng	98
34) Hexachlorobutadiene	11.051	225	439629	41.341	ng	99
35) Caprolactam	11.675	113	218700	45.033	ng	97
36) 4-Chloro-3-methylphenol	12.016	107	684759	43.309	ng	98
37) 2-Methylnaphthalene	12.392	142	1644249	41.026	ng	99
38) 1-Methylnaphthalene	12.610	142	1522228	40.834	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	838966	41.816	ng	100
41) Hexachlorocyclopentadiene	12.727	237	335446	45.852	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	495012	46.183	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	546250	46.437	ng	100
46) 1,1'-Biphenyl	13.404	154	2089268	41.321	ng	99
47) 2-Chloronaphthalene	13.445	162	1608126	41.352	ng	100
48) 2-Nitroaniline	13.651	65	439268	42.477	ng	98
49) Acenaphthylene	14.292	152	2629653	41.342	ng	100
50) Dimethylphthalate	14.039	163	1908653	41.730	ng	100
51) 2,6-Dinitrotoluene	14.157	165	384706	42.173	ng	98
52) Acenaphthene	14.633	154	1506895	41.521	ng	100
53) 3-Nitroaniline	14.480	138	432072	41.293	ng	97
54) 2,4-Dinitrophenol	14.686	184	106360	45.970	ng	98
55) Dibenzofuran	14.968	168	2370507	41.050	ng	100
56) 4-Nitrophenol	14.780	139	340881	41.754	ng	95
57) 2,4-Dinitrotoluene	14.939	165	502316	41.301	ng	99
58) Fluorene	15.615	166	1983566	41.393	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	471580	41.972	ng	98
60) Diethylphthalate	15.404	149	1928551	41.432	ng	100
61) 4-Chlorophenyl-phenyle...	15.621	204	981417	41.366	ng	98
62) 4-Nitroaniline	15.645	138	459856	41.549	ng	97
63) Azobenzene	15.910	77	2018620	41.169	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	175756	45.413	ng	98
66) n-Nitrosodiphenylamine	15.833	169	1670463	41.755	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	589712	41.106	ng	99
68) Hexachlorobenzene	16.610	284	674522	40.833	ng	98
69) Atrazine	16.798	200	533798	42.878	ng	98
70) Pentachlorophenol	16.962	266	368865	41.527	ng	98
71) Phenanthrene	17.362	178	2943211	41.134	ng	100
72) Anthracene	17.456	178	3014731	41.368	ng	100
73) Carbazole	17.727	167	2789138	41.485	ng	100
74) Di-n-butylphthalate	18.315	149	3318358	42.922	ng	99
75) Fluoranthene	19.380	202	3347336	40.989	ng	100
77) Benzidine	19.580	184	1203424	44.413	ng	99
78) Pyrene	19.745	202	3540066	41.521	ng	100
80) Butylbenzylphthalate	20.674	149	1248909	40.450	ng	99
81) Benzo(a)anthracene	21.503	228	3638767	41.276	ng	100
82) 3,3'-Dichlorobenzidine	21.444	252	1196605	44.154	ng	99
83) Chrysene	21.556	228	3441642	41.604	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	2177597	40.621	ng	99
85) Di-n-octyl phthalate	22.409	149	3431700	43.136	ng	100
87) Indeno(1,2,3-cd)pyrene	26.444	276	4300962	41.996	ng	100
88) Benzo(b)fluoranthene	23.203	252	3532131	41.633	ng	100
89) Benzo(k)fluoranthene	23.250	252	3587388	41.873	ng	99
90) Benzo(a)pyrene	23.833	252	3306741	42.112	ng	99
91) Dibenzo(a,h)anthracene	26.479	278	3520685	42.155	ng	99
92) Benzo(g,h,i)perylene	27.215	276	3313580	42.577	ng	100

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

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